

SERVICE MANUAL

AA-2D CHASSIS

<u>MODEL</u>	<u>COMMANDER</u>	<u>DEST.</u>	<u>CHASSIS NO.</u>
KV-35S26	RM-Y136A	US	SCC-J71Q-A
KV-35S26	RM-Y136A	CND	SCC-J73M-A
KV-35S36	RM-Y136A	US	SCC-K96M-A
KV-35S36	RM-Y136A	CND	SCC-K97J-A
KV-37RS26	RM-Y136A	E	SCC-K98H-A

Note: Adjustment Manual for this model is published separately

	Adjustment Manual
Part No.	9-965-829-01



RM-Y136A



KV-35S36



996583001

TRINITRON® COLOR TV
SONY®

SPECIFICATIONS

For all models:

Television system	American TV standard
Channel coverage	VHF : 2-13 UHF : 14-69 CATV : 1-125
Antenna	75Ω external antenna terminal for VHF / UHF
Picture tube	Hi-Black Trinitron® tube
Screen Size	35 inch (measured diagonally)
Power requirements	120V, 60Hz
Inputs/Outputs	Video (2): 1 Vp-p, 75Ω unbalanced, sync negative S Video (1): Y: 1 Vp-p, 75Ω unbalanced, sync negative C: 0.286 Vp-p (Burst signal), 75Ω Audio (2): 500 mVrms (100% modulation); Impedance: 47KΩ Audio out (1): More than 408 mVrms at the maximum volume setting (variable) More than 408mVrms (fixed); Impedance: 5KΩ
Speaker output (W)	5W x 2
Power consumption (W)	
When in use (Max.)	215W, 2.80A
In Standby	13W
Dimensions (W/H/D)	
(mm)	870 x 761 x 653 mm
(in.)	34 ^{1/4} x 30 x 25 ^{5/8} in.
Mass	
(kg)	83 kg
(lb)	182 lbs 9.6 oz
Supplied accessories	Remote commander RM-Y136 (w/ 2 size AA (R6) batteries)
Optional accessories	Connecting cables VMC-810S/820S, VMC-720M, YC-15V/30V, RK-74A TV Stand SU-35A U/V mixer EAC-66

(●)* SRS (SOUND RETRIEVAL SYSTEM)

The (●) SRS (SOUND RETRIEVAL SYSTEM) is manufactured by Sony Corporation under license from SRS Labs, Inc. It is covered by U.S. Patent No. 4,748,669. Other U.S. and foreign patents pending.

The word "SRS" and the SRS symbol (●) are registered trademarks of SRS Labs, Inc.

*** Design and specifications are subject to change without notice.*

SAFETY CHECK-OUT (US Model only)

After correcting the original service problem, perform the following safety checks before releasing the set to the customer:

1. Check the area of your repair for unsoldered or poorly-soldered connections. Check the entire board surface for solder splashes and bridges.
2. Check the interboard wiring to ensure that no wires are "pinched" or contact high-wattage resistors.
3. Check that all control knobs, shields, covers, ground straps, and mounting hardware have been replaced. Be absolutely certain that you have replaced all the insulators.
4. Look for unauthorized replacement parts, particularly transistors, that were installed during a previous repair. Point them out to the customer and recommend their replacement.
5. Look for parts which, though functioning, show obvious signs of deterioration. Point them out to the customer and recommend their replacement.
6. Check the line cords for cracks and abrasion. Recommend the replacement of any such line cord to the customer.
7. Check the B+ and HV to see if they are specified values. Make sure your instruments are accurate; be suspicious of your HV meter if sets always have low HV.
8. Check the antenna terminals, metal trim, "metallized" knobs, screws, and all other exposed metal parts for AC Leakage. Check leakage as described below.

LEAKAGE TEST

The AC leakage from any exposed metal part to earth ground and from all exposed metal parts to any exposed metal part having a return to chassis, must not exceed 0.5 mA (500 microampere). Leakage current can be measured by any one of three methods.

1. A commercial leakage tester, such as the Simpson 229 or RCA WT-540A. Follow the manufacturers' instructions to use these instructions.
2. A battery-operated AC milliammeter. The Data Precision 245 digital multimeter is suitable for this job.
3. Measuring the voltage drop across a resistor by means of a VOM or battery-operated AC voltmeter. The "limit" indication is 0.75 V, so analog meters must have an accurate low voltage scale. The Simpson's 250 and Sanwa SH-63Trd are examples of passive VOMs that are suitable. Nearly all battery operated digital multimeters that have a 2V AC range are suitable. (See Fig. A)

HOW TO FIND A GOOD EARTH GROUND

A cold-water pipe is guaranteed earth ground; the cover-plate retaining screw on most AC outlet boxes is also at earth ground. If the retaining screw is to be used as your earth-ground, verify that it is at ground by measuring the resistance between it and a cold-water pipe with an ohmmeter. The reading should be zero ohms. If a cold-water pipe is not accessible, connect a 60-100 watts trouble light (not a neon lamp) between the hot side of the receptacle and the retaining screw. Try both slots, if necessary, to locate the hot side of the line, the lamp should light at normal brilliance if the screw is at ground potential. (See Fig. B)

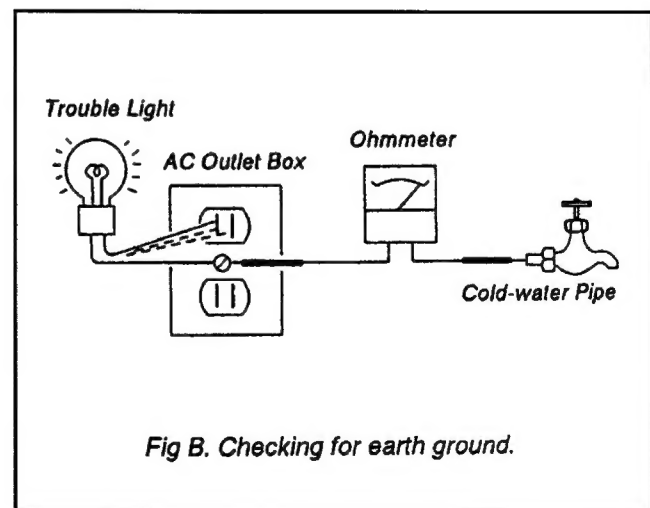
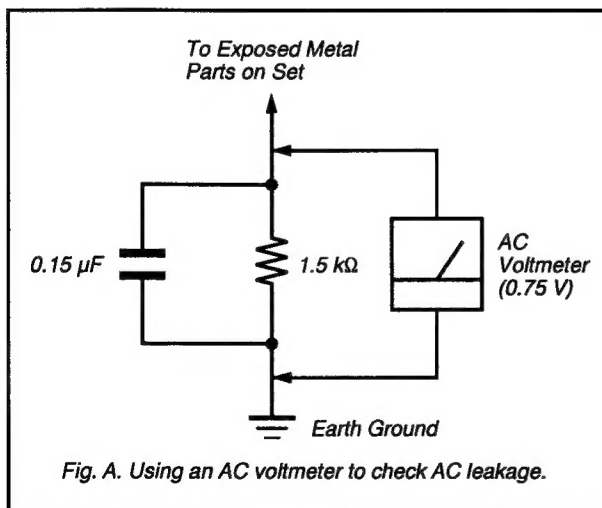


TABLE OF CONTENTS

<u>Section</u>	<u>Title</u>	<u>Page</u>	<u>Section</u>	<u>Title</u>	<u>Page</u>
1. GENERAL			2. DISASSEMBLY		
Welcome!		5	2-1. Rear Cover Removal		12
Connecting and Installing the TV		5	2-2. Chassis Assy Removal		12
Connector Types		5	2-3. Service Position		12
Making Connections		5	2-4. Picture Tube Removal		13
Installing the glass door		7			
Adjusting the shelf		7	3. SAFETY RELATED ADJUSTMENTS		14
Basic Set up		7			
Inserting Batteries		7	4. DIAGRAMS		
Using the remote control/Select buttons		7	4-1. Block Diagram		17
Adjusting slides		7	4-2. Circuit Boards Location		24
On Line Help/Instructions		7	4-3. Printed Wiring Boards and Schematic Diagrams		24
Using your New TV		8	• P Board		25
Setting up the TV automatically		8	• SC Board (KV-35S36 only)		28
Watching the TV		8	• A Board		29
Watching two programs at one time - PIP		8	• UV Board (KV-35S36 only)		37
Adjusting your SET UP (menus)		9	• WA Board		41
Learning menu selection		9	• HV Board		44
Using the VIDEO menu		9	• G Board		45
Using the AUDIO menu		9	• HS Board		47
Using the TIMER menu		10	• C Board		49
Using the SET UP menu		10	• AV Board (KV-35S36 only)		51
Operating Video Equipment		10	4-4. Semiconductors		53
Setting the manufacturer's code		10			
VCR manufacturer code numbers		10	5. EXPLODED VIEWS		
MDP manufacturer code numbers		10	5-1. Chassis		55
Operating a cable box DBS receiver		11	5-2. Picture Tube		56
Troubleshooting		11			
			6. ELECTRICAL PARTS LIST		68

CAUTION!

SHORT CIRCUIT THE ANODE OF THE PICTURE TUBE AND THE ANODE CAP TO THE METAL CHASSIS, CRT SHIELD, OR CARBON PAINTED ON THE CRT, AFTER REMOVING THE ANODE.

ATTENTION

APRES AVOIR DECONNECTE LE CAP DE L'ANODE, COURT-CIRCUITER L'ANODE DU TUBE CATHODIQUE ET CELUI DE L'ANODE DU CAP AU CHASSIS METALLIQUE DE L'APPAREIL, OU AU COUCHE DE CARBONE PEINTE SUR LE TUBE CATHODIQUE OU AU BLINDAGE DU TUBE CATHODIQUE.

WARNING!!

AN ISOLATION TRANSFORMER SHOULD BE USED DURING ANY SERVICE TO AVOID POSSIBLE SHOCK HAZARD, BECAUSE OF LIVE CHASSIS.
THE CHASSIS OF THIS RECEIVER IS DIRECTLY CONNECTED TO THE AC POWER LINE.

ATTENTION!!

AFIN D'EVITER TOUT RESQUE D'ELECTROCUTION PROVENANT D'UN CHÂSSIS SOUS TENSION, UN TRANSFORMATEUR D'ISOLEMENT DOIT ETRE UTILISÉ LORS DE TOUT DÉPANNAGE. LE CHÂSSIS DE CE RÉCEPTEUR EST DIRECTEMENT RACCORDÉ À L'ALIMENTATION SECTEUR.

SAFETY-RELATED COMPONENT WARNING!!

COMPONENTS IDENTIFIED BY SHADING AND MARK Δ ON THE SCHEMATIC DIAGRAMS, EXPLODED VIEWS AND IN THE PARTS LIST ARE CRITICAL FOR SAFE OPERATION. REPLACE THESE COMPONENTS WITH SONY PARTS WHOSE PART NUMBERS APPEAR AS SHOWN IN THIS MANUAL OR IN SUPPLEMENTS PUBLISHED BY SONY. CIRCUIT ADJUSTMENTS THAT ARE CRITICAL FOR SAFE OPERATION ARE IDENTIFIED IN THIS MANUAL. FOLLOW THESE PROCEDURES WHENEVER CRITICAL COMPONENTS ARE REPLACED OR IMPROPER OPERATION IS SUSPECTED.

ATTENTION AUX COMPOSANTS RELATIFS A LA SECURITE!!

LES COMPOSANTS IDENTIFIES PAR UNE TRAME ET PAR UNE MARQUE Δ SUR LES SCHEMAS DE PRINCIPE, LES VUES EXPLOSEES ET LES LISTES DE PIECES SONT D'UNE IMPORTANCE CRITIQUE POUR LA SECURITE DU FONCTIONNEMENT. NE LES REMPLACER QUE PAR DES COMPOSANTS SONY DONT LE NUMERO DE PIECE EST INDIQUE DANS LE PRESENT MANUEL OU DANS DES SUPPLEMENTS PUBLIES PAR SONY. LES REGLAGES DE CIRCUIT DONT L'IMPORTANCE EST CRITIQUE POUR LA SECURITE DU FONCTIONNEMENT SONT IDENTIFIES DANS LE PRESENT MANUEL. SUIVRE CES PROCEDURES LORS DE CHAQUE REMPLACEMENT DE COMPOSANTS CRITIQUES, OU LORSQU'UN MAUVAIS FONCTIONNEMENT SUSPECTE.

SECTION 1 GENERAL

The instructions mentioned here are partial abstracts from the Operating Instruction Manual. The page numbers shown reflect those of the Operating Instruction Manual.

Welcome!

Thank you for purchasing the Sony Trinitron[®] Color TV. This manual is written for the models listed below. Before reading, check the model number on the rear of your TV.

Model KV-27S26 is used for illustration purposes. The screens displayed are for model KV-35V36. Differences in operation features are indicated in the text, for example, "KV-27S26 only".

Model Number	Single tuner (NTSC received for 100%)	Auto tuner (NTSC received for 100%)	Light sensor	Channel 19	Picture Channel
KV-27S26	○	○	○	○	○
KV-27S28	○	○	○	○	○
KV-27V36	○	○	○	○	○
KV-27S36	○	○	○	○	○
KV-27S38	○	○	○	○	○
KV-27S39	○	○	○	○	○
KV-27S40	○	○	○	○	○
KV-27S41	○	○	○	○	○
KV-27S42	○	○	○	○	○
KV-27S43	○	○	○	○	○
KV-27S44	○	○	○	○	○
KV-27S45	○	○	○	○	○
KV-27S46	○	○	○	○	○
KV-27S47	○	○	○	○	○
KV-27S48	○	○	○	○	○
KV-27S49	○	○	○	○	○
KV-27S50	○	○	○	○	○
KV-27S51	○	○	○	○	○
KV-27S52	○	○	○	○	○
KV-27S53	○	○	○	○	○
KV-27S54	○	○	○	○	○
KV-27S55	○	○	○	○	○
KV-27S56	○	○	○	○	○
KV-27S57	○	○	○	○	○
KV-27S58	○	○	○	○	○
KV-27S59	○	○	○	○	○
KV-27S60	○	○	○	○	○
KV-27S61	○	○	○	○	○
KV-27S62	○	○	○	○	○
KV-27S63	○	○	○	○	○
KV-27S64	○	○	○	○	○
KV-27S65	○	○	○	○	○
KV-27S66	○	○	○	○	○
KV-27S67	○	○	○	○	○
KV-27S68	○	○	○	○	○
KV-27S69	○	○	○	○	○
KV-27S70	○	○	○	○	○
KV-27S71	○	○	○	○	○
KV-27S72	○	○	○	○	○
KV-27S73	○	○	○	○	○
KV-27S74	○	○	○	○	○
KV-27S75	○	○	○	○	○
KV-27S76	○	○	○	○	○
KV-27S77	○	○	○	○	○
KV-27S78	○	○	○	○	○
KV-27S79	○	○	○	○	○
KV-27S80	○	○	○	○	○
KV-27S81	○	○	○	○	○
KV-27S82	○	○	○	○	○
KV-27S83	○	○	○	○	○
KV-27S84	○	○	○	○	○
KV-27S85	○	○	○	○	○
KV-27S86	○	○	○	○	○
KV-27S87	○	○	○	○	○
KV-27S88	○	○	○	○	○
KV-27S89	○	○	○	○	○
KV-27S90	○	○	○	○	○
KV-27S91	○	○	○	○	○
KV-27S92	○	○	○	○	○
KV-27S93	○	○	○	○	○
KV-27S94	○	○	○	○	○
KV-27S95	○	○	○	○	○
KV-27S96	○	○	○	○	○
KV-27S97	○	○	○	○	○
KV-27S98	○	○	○	○	○
KV-27S99	○	○	○	○	○
KV-27S00	○	○	○	○	○

Precautions

Safety

- Operate the TV only on 120 V AC (except KV-29RS26C, 29V36C, 34RS26C, 34V36C).
- Operate the TV only on 220 V AC (KV-29RS26C, 29V36C, 34RS26C, 34V36C only).
- The plug is designed, for safety purposes, to fit in the wall outlet only one way. If you are unable to insert the plug fully into the outlet, contact your dealer (except KV-29RS26C, 29V36C, 34RS26C, 34V36C).
- If any liquid or solid object should fall inside the cabinet, unplug the TV immediately and have it checked by qualified personnel before operating it further.
- If you will not be using the TV for several days, disconnect power by pulling the plug itself. Never pull on the cord.

For details concerning safety precautions, see the supplied leaflet "IMPORTANT SAFEGUARDS".

Installing

- To prevent internal heat build-up, do not block the ventilation openings.
- Do not install the TV in a hot or humid place, or in a place subject to excessive dust or mechanical vibration.

Using This Manual

This manual is divided into four major sections. We recommend that you carefully review the contents of each section in the order provided to ensure that you fully understand the operation of your new TV.

1 Connecting and Installing the TV

This section will guide you through your initial set up. It will show you how to connect your new components, connect to your antenna or cable, and connect any accessories.

2 Basic Set Up

This section will teach you the basic skills needed to operate your new TV. It will show you how to operate special functions of the remote control.

3 Using your New TV

This section will show you how to begin using your new TV. It will show you how to use the AUTO SET UP feature, and how to use your remote control's features.

4 Adjusting your Set Up (menus)

This section will teach you how to access on-screen menus and adjust your TV's settings.

Instructions in this manual are written for the remote control. Similar controls may be found on the TV console.

Connecting and Installing the TV

Connector Types

You may find it necessary to use some of the following connector types during set up.

Coaxial Cable

Standard TV Cable and Antenna connector Plug Type
Screw-on Type
Press onto connection
Screw onto connection
The connection you choose will depend on the cable found in your home. Newer homes will be equipped with standard coaxial cable (see A), older homes will probably have 300-ohm twin lead cable (see B), still other homes may contain both (see C).

S Video Cable

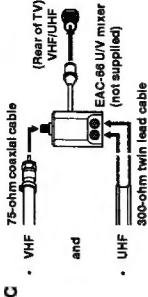
High quality Video connector for enhanced picture quality

Audio/Video Cable

Conventional Audio/Video cable

S-Link Cable

Sony Link connector (only available on Sony products) for simultaneous control of your components



A

VHF only
VHF/UHF
Cable

B

VHF only
UHF only
VHF/UHF

C

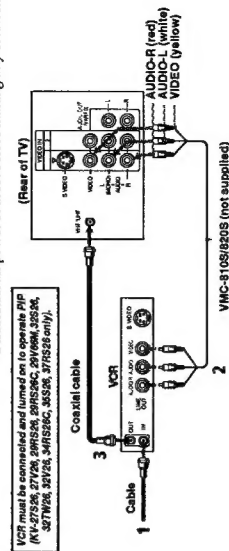
VHF only
VHF/UHF
Cable

Connecting and Installing the TV (continued)

Disconnect all power sources before making any connections

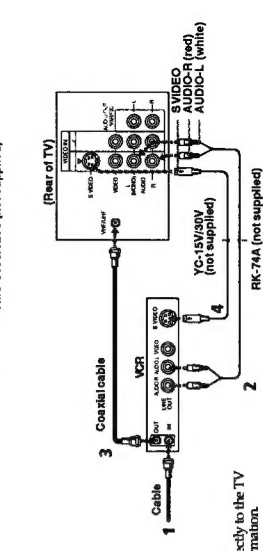
Connecting an antenna/cable TV system with a VCR

- 1 Attach the coaxial connector from your cable or antenna to IN on your VCR.
- 2 Using AUDIO/VIDEO connectors, connect AUDIO and VIDEO OUT on your VCR to AUDIO-VIDEO, White-AUDIO Left, Red-AUDIO Right.
- 3 Using a coaxial connector, connect OUT on your VCR to VHF/UHF on your TV.



Connecting to an S Video equipped VCR (for optimum picture quality)

- 1 Attach the coaxial connector from your cable or antenna to IN on your VCR.
- 2 Using AUDIO connectors, connect AUDIO OUT on your VCR to AUDIO-VIDEO (White-AUDIO Left, Red-AUDIO Right).
- 3 Using a coaxial connector, connect OUT on your VCR to VHF/UHF on your TV.
- 4 Using an S VIDEO connector, connect S VIDEO on your VCR to S VIDEO on your TV.

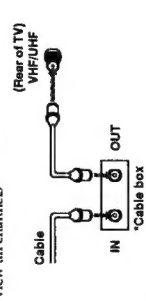


Note on DVD Connection

- For the best picture quality, connect the DVD player directly to the TV.
- Refer to your DVD manual for detailed connection information.

Connecting a cable box

Some pay cable TV systems use scrambled or encoded signals that require a cable box* to view all channels.



Note.

- If you will be controlling all channel selection through your cable box you should consider using the CHANNEL FIX feature discussed on page 22.

Cable box and cable

- KV-27S36, 27V36, 29V36C, 29V36M, 32S36, 32V36, 34V36C, 35S36, 35V36, 35V36M, 35V36M only

Some pay cable TV systems use scrambled or encoded signals requiring a cable box* only for certain channels (e.g. HBO, SHOWTIME, etc.)

Select Cable or ANT mode by pressing ANT on the remote control.

Cable or antenna

Most simple connection. Connection is made directly from the cable or antenna to the TV.



Cable and antenna

- KV-27S36, 27V36, 29V36C, 29V36M, 32S36, 32V36, 34V36C, 35S36, 35V36, 35V36M, 35V36M only

You may find it convenient to use the following set up if your cable provider does not feature local channels that you are able to receive using an antenna.



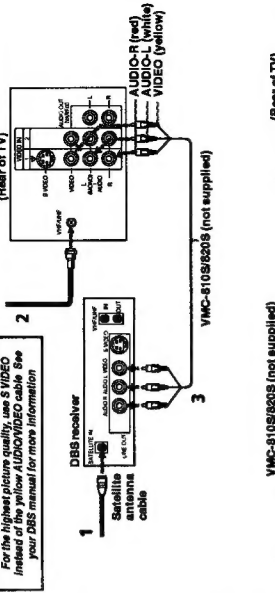
Select Cable or ANT mode by pressing ANT on the remote control.

Connecting and Installing the TV (continued)

Connecting a DBS (Direct Broadcast Satellite) receiver

Disconnect all power sources before making any connections

For the highest picture quality, use S VIDEO instead of the yellow AUDIO/VIDEO cable. See your DBS manual for more information.



- 1 Connect the cable from your satellite antenna to your DBS receiver.
- 2 Attach the coaxial connector from your cable or antenna to VHF/UHF on your TV.
- 3 Using AUDIO/VIDEO connectors, connect AUDIO and VIDEO OUT on your DBS receiver to AUDIO and VIDEO IN on your TV.

Connecting a DBS (Direct Broadcast Satellite) receiver and a VCR

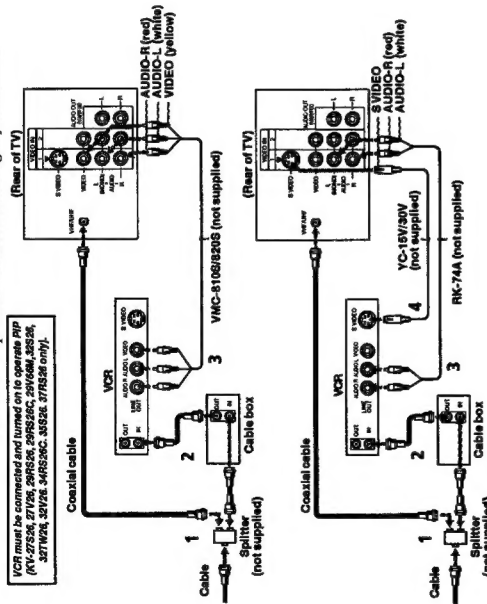
- 1 Connect the cable from your satellite antenna to your DBS receiver.
- 2 Attach the coaxial connector from your cable or antenna to VHF/UHF IN on your VCR.
- 3 Using a coaxial connector, connect VHF/UHF OUT on your VCR to VHF/UHF on your TV.
- 4 Using AUDIO/VIDEO connectors, connect AUDIO and VIDEO OUT on your DBS receiver to AUDIO and VIDEO IN on your VCR.
- 5 Using AUDIO/VIDEO connectors, connect AUDIO and VIDEO OUT on your VCR to AUDIO and VIDEO IN on your TV.

Note:

- To view input from the DBS or VCR, select VIDEO 1 by pressing TV/VIDEO on the remote control.

8

Disconnect all power sources before making any connections



Connecting a VCR and TV with a cable box

- 1 Splitter the single (input) jack of the cable box into two output jacks and connect the two output jacks to the VCR and TV. (Using the cable box, connect the cable to the VCR and VHF/UHF on your TV.)
- 2 Using a coaxial connector, connect OUT on your cable box to IN on your VCR.
- 3 Using AUDIO/VIDEO connectors, connect AUDIO and VIDEO OUT on your VCR to AUDIO and VIDEO IN on your TV (Yellow-VIDEO, White-AUDIO Left, Red-AUDIO Right).

Connecting to an S Video equipped VCR with a cable box

(for optimum picture quality)

- 1-2 Perform as described above.
- 3 Using AUDIO connectors, connect AUDIO OUT on your VCR to AUDIO IN on your TV (White-AUDIO Left, Red-AUDIO Right).
- 4 Using an S VIDEO connector, connect S VIDEO on your VCR to S VIDEO on your TV.

Note:

- To view scrambled channels through your cable box, select VIDEO 1 by pressing TV/VIDEO on the remote control.

5

Connecting an audio system

For greater viewing pleasure, integrate your home stereo into the system.

- 1 Using AUDIO connectors, connect AUDIO OUT on your TV to one of the unused Line inputs (e.g. Tape-2, etc.) on your stereo (White-AUDIO Left, Red-AUDIO Right).
- 2 Set your stereo to the chosen Line input and refer to page 20 of this manual for additional audio setup instructions.

Connecting an AV receiver

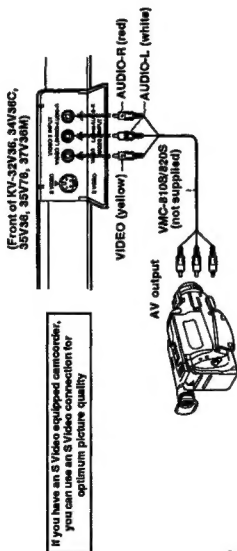
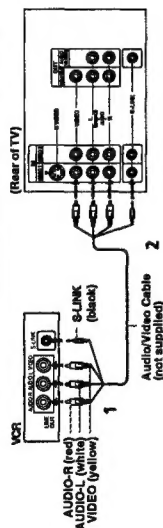
- KV-37V36, 37V38, 37V39, 37V40, 37V41, 37V42, 37V43, 37V44, 37V45, 37V46, 37V47, 37V48, 37V49, 37V50, 37V51, 37V52, 37V53, 37V54, 37V55, 37V56, 37V57, 37V58, 37V59, 37V60, 37V61, 37V62, 37V63, 37V64, 37V65, 37V66, 37V67, 37V68, 37V69, 37V70, 37V71, 37V72, 37V73, 37V74, 37V75, 37V76, 37V77, 37V78, 37V79, 37V80, 37V81, 37V82, 37V83, 37V84, 37V85, 37V86, 37V87, 37V88, 37V89, 37V90, 37V91, 37V92, 37V93, 37V94, 37V95, 37V96, 37V97, 37V98, 37V99, 37V100, 37V101, 37V102, 37V103, 37V104, 37V105, 37V106, 37V107, 37V108, 37V109, 37V110, 37V111, 37V112, 37V113, 37V114, 37V115, 37V116, 37V117, 37V118, 37V119, 37V120, 37V121, 37V122, 37V123, 37V124, 37V125, 37V126, 37V127, 37V128, 37V129, 37V130, 37V131, 37V132, 37V133, 37V134, 37V135, 37V136, 37V137, 37V138, 37V139, 37V140, 37V141, 37V142, 37V143, 37V144, 37V145, 37V146, 37V147, 37V148, 37V149, 37V150, 37V151, 37V152, 37V153, 37V154, 37V155, 37V156, 37V157, 37V158, 37V159, 37V160, 37V161, 37V162, 37V163, 37V164, 37V165, 37V166, 37V167, 37V168, 37V169, 37V170, 37V171, 37V172, 37V173, 37V174, 37V175, 37V176, 37V177, 37V178, 37V179, 37V180, 37V181, 37V182, 37V183, 37V184, 37V185, 37V186, 37V187, 37V188, 37V189, 37V190, 37V191, 37V192, 37V193, 37V194, 37V195, 37V196, 37V197, 37V198, 37V199, 37V200, 37V201, 37V202, 37V203, 37V204, 37V205, 37V206, 37V207, 37V208, 37V209, 37V210, 37V211, 37V212, 37V213, 37V214, 37V215, 37V216, 37V217, 37V218, 37V219, 37V220, 37V221, 37V222, 37V223, 37V224, 37V225, 37V226, 37V227, 37V228, 37V229, 37V230, 37V231, 37V232, 37V233, 37V234, 37V235, 37V236, 37V237, 37V238, 37V239, 37V240, 37V241, 37V242, 37V243, 37V244, 37V245, 37V246, 37V247, 37V248, 37V249, 37V250, 37V251, 37V252, 37V253, 37V254, 37V255, 37V256, 37V257, 37V258, 37V259, 37V260, 37V261, 37V262, 37V263, 37V264, 37V265, 37V266, 37V267, 37V268, 37V269, 37V270, 37V271, 37V272, 37V273, 37V274, 37V275, 37V276, 37V277, 37V278, 37V279, 37V280, 37V281, 37V282, 37V283, 37V284, 37V285, 37V286, 37V287, 37V288, 37V289, 37V290, 37V291, 37V292, 37V293, 37V294, 37V295, 37V296, 37V297, 37V298, 37V299, 37V300, 37V301, 37V302, 37V303, 37V304, 37V305, 37V306, 37V307, 37V308, 37V309, 37V310, 37V311, 37V312, 37V313, 37V314, 37V315, 37V316, 37V317, 37V318, 37V319, 37V320, 37V321, 37V322, 37V323, 37V324, 37V325, 37V326, 37V327, 37V328, 37V329, 37V330, 37V331, 37V332, 37V333, 37V334, 37V335, 37V336, 37V337, 37V338, 37V339, 37V340, 37V341, 37V342, 37V343, 37V344, 37V345, 37V346, 37V347, 37V348, 37V349, 37V350, 37V351, 37V352, 37V353, 37V354, 37V355, 37V356, 37V357, 37V358, 37V359, 37V360, 37V361, 37V362, 37V363, 37V364, 37V365, 37V366, 37V367, 37V368, 37V369, 37V370, 37V371, 37V372, 37V373, 37V374, 37V375, 37V376, 37V377, 37V378, 37V379, 37V380, 37V381, 37V382, 37V383, 37V384, 37V385, 37V386, 37V387, 37V388, 37V389, 37V390, 37V391, 37V392, 37V393, 37V394, 37V395, 37V396, 37V397, 37V398, 37V399, 37V400, 37V401, 37V402, 37V403, 37V404, 37V405, 37V406, 37V407, 37V408, 37V409, 37V410, 37V411, 37V412, 37V413, 37V414, 37V415, 37V416, 37V417, 37V418, 37V419, 37V420, 37V421, 37V422, 37V423, 37V424, 37V425, 37V426, 37V427, 37V428, 37V429, 37V430, 37V431, 37V432, 37V433, 37V434, 37V435, 37V436, 37V437, 37V438, 37V439, 37V440, 37V441, 37V442, 37V443, 37V444, 37V445, 37V446, 37V447, 37V448, 37V449, 37V450, 37V451, 37V452, 37V453, 37V454, 37V455, 37V456, 37V457, 37V458, 37V459, 37V460, 37V461, 37V462, 37V463, 37V464, 37V465, 37V466, 37V467, 37V468, 37V469, 37V470, 37V471, 37V472, 37V473, 37V474, 37V475, 37V476, 37V477, 37V478, 37V479, 37V480, 37V481, 37V482, 37V483, 37V484, 37V485, 37V486, 37V487, 37V488, 37V489, 37V490, 37V491, 37V492, 37V493, 37V494, 37V495, 37V496, 37V497, 37V498, 37V499, 37V500, 37V501, 37V502, 37V503, 37V504, 37V505, 37V506, 37V507, 37V508, 37V509, 37V510, 37V511, 37V512, 37V513, 37V514, 37V515, 37V516, 37V517, 37V518, 37V519, 37V520, 37V521, 37V522, 37V523, 37V524, 37V525, 37V526, 37V527, 37V528, 37V529, 37V530, 37V531, 37V532, 37V533, 37V534, 37V535, 37V536, 37V537, 37V538, 37V539, 37V540, 37V541, 37V542, 37V543, 37V544, 37V545, 37V546, 37V547, 37V548, 37V549, 37V550, 37V551, 37V552, 37V553, 37V554, 37V555, 37V556, 37V557, 37V558, 37V559, 37V560, 37V561, 37V562, 37V563, 37V564, 37V565, 37V566, 37V567, 37V568, 37V569, 37V570, 37V571, 37V572, 37V573, 37V574, 37V575, 37V576, 37V577, 37V578, 37V579, 37V580, 37V581, 37V582, 37V583, 37V584, 37V585, 37V586, 37V587, 37V588, 37V589, 37V590, 37V591, 37V592, 37V593, 37V594, 37V595, 37V596, 37V597, 37V598, 37V599, 37V600, 37V601, 37V602, 37V603, 37V604, 37V605, 37V606, 37V607, 37V608, 37V609, 37V610, 37V611, 37V612, 37V613, 37V614, 37V615, 37V616, 37V617, 37V618, 37V619, 37V620, 37V621, 37V622, 37V623, 37V624, 37V625, 37V626, 37V627, 37V628, 37V629, 37V630, 37V631, 37V632, 37V633, 37V634, 37V635, 37V636, 37V637, 37V638, 37V639, 37V640, 37V641, 37V642, 37V643, 37V644, 37V645, 37V646, 37V647, 37V648, 37V649, 37V650, 37V651, 37V652, 37V653, 37V654, 37V655, 37V656, 37V657, 37V658, 37V659, 37V660, 37V661, 37V662, 37V663, 37V664, 37V665, 37V666, 37V667, 37V668, 37V669, 37V670, 37V671, 37V672, 37V673, 37V674, 37V675, 37V676, 37V677, 37V678, 37V679, 37V680, 37V681, 37V682, 37V683, 37V684, 37V685, 37V686, 37V687, 37V688, 37V689, 37V690, 37V691, 37V692, 37V693, 37V694, 37V695, 37V696, 37V697, 37V698, 37V699, 37V700, 37V701, 37V702, 37V703, 37V704, 37V705, 37V706, 37V707, 37V708, 37V709, 37V710, 37V711, 37V712, 37V713, 37V714, 37V715, 37V716, 37V717, 37V718, 37V719, 37V720, 37V721, 37V722, 37V723, 37V724, 37V725, 37V726, 37V727, 37V728, 37V729, 37V730, 37V731, 37V732, 37V733, 37V734, 37V735, 37V736, 37V737, 37V738, 37V739, 37V740, 37V741, 37V742, 37V743, 37V744, 37V745, 37V746, 37V747, 37V748, 37V749, 37V750, 37V751, 37V752, 37V753, 37V754, 37V755, 37V756, 37V757, 37V758, 37V759, 37V760, 37V761, 37V762, 37V763, 37V764, 37V765, 37V766, 37V767, 37V768, 37V769, 37V770, 37V771, 37V772, 37V773, 37V774, 37V775, 37V776, 37V777, 37V778, 37V779, 37V780, 37V781, 37V782, 37V783, 37V784, 37V785, 37V786, 37V787, 37V788, 37V789, 37V790, 37V791, 37V792, 37V793, 37V794, 37V795, 37V796, 37V797, 37V798, 37V799, 37V800, 37V801, 37V802, 37V803, 37V804, 37V805, 37V806, 37V807, 37V808, 37V809, 37V810, 37V811, 37V812, 37V813, 37V814, 37V815, 37V816, 37V817, 37V818, 37V819, 37V820, 37V821, 37V822, 37V823, 37V824, 37V825, 37V826, 37V827, 37V828, 37V829, 37V830, 37V831, 37V832, 37V833, 37V834, 37V835, 37V836, 37V837, 37V838, 37V839, 37V840, 37V841, 37V842, 37V843, 37V844, 37V845, 37V846, 37V847, 37V848, 37V849, 37V850, 37V851, 37V852, 37V853, 37V854, 37V855, 37V856, 37V857, 37V858, 37V859, 37V860, 37V861, 37V862, 37V863, 37V864, 37V865, 37V866, 37V867, 37V868, 37V869, 37V870, 37V871, 37V872, 37V873, 37V874, 37V875, 37V876, 37V877, 37V878, 37V879, 37V880, 37V881, 37V882, 37V883, 37V884, 37V885, 37V886, 37V887, 37V888, 37V889, 37V890, 37V891, 37V892, 37V893, 37V894, 37V895, 37V896, 37V897, 37V898, 37V899, 37V900, 37V901, 37V902, 37V903, 37V904, 37V905, 37V906, 37V907, 37V908, 37V909, 37V910, 37V911, 37V912, 37V913, 37V914, 37V915, 37V916, 37V917, 37V918, 37V919, 37V920, 37V921, 37V922, 37V923, 37V924, 37V925, 37V926, 37V927, 37V928, 37V929, 37V930, 37V931, 37V932, 37V933, 37V934, 37V935, 37V936, 37V937, 37V938, 37V939, 37V940, 37V941, 37V942, 37V943, 37V944, 37V945, 37V946, 37V947, 37V948, 37V949, 37V950, 37V951, 37V952, 37V953, 37V954, 37V955, 37V956, 37V957, 37V958, 37V959, 37V960, 37V961, 37V962, 37V963, 37V964, 37V965, 37V966, 37V967, 37V968, 37V969, 37V970, 37V971, 37V972, 37V973, 37V974, 37V975, 37V976, 37V977, 37V978, 37V979, 37V980, 37V981, 37V982, 37V983, 37V984, 37V985, 37V986, 37V987, 37V988, 37V989, 37V990, 37V991, 37V992, 37V993, 37V994, 37V995, 37V996, 37V997, 37V998, 37V999, 37V1000, 37V1001, 37V1002, 37V1003, 37V1004, 37V1005, 37V1006, 37V1007, 37V1008, 37V1009, 37V1010, 37V1011, 37V1012, 37V1013, 37V1014, 37V1015, 37V1016, 37V1017, 37V1018, 37V1019, 37V1020, 37V1021, 37V1022, 37V1023, 37V1024, 37V1025, 37V1026, 37V1027, 37V1028, 37V1029, 37V1030, 37V1031, 37V1032, 37V1033, 37V1034, 37V1035, 37V1036, 37V1037, 37V1038, 37V1039, 37V1040, 37V1041, 37V1042, 37V1043, 37V1044, 37V1045, 37V1046, 37V1047, 37V1048, 37V1049, 37V1050, 37V1051, 37V1052, 37V1053, 37V1054, 37V1055, 37V1056, 37V1057, 37V1058, 37V1059, 37V1060, 37V1061, 37V1062, 37V1063, 37V1064, 37V1065, 37V1066, 37V1067, 37V1068, 37V1069, 37V1070, 37V1071, 37V1072, 37V1073, 37V1074, 37V1075, 37V1076, 37V1077, 37V1078, 37V1079, 37V1080, 37V1081, 37V1082, 37V1083, 37V1084, 37V1085, 37V1086, 37V1087, 37V1088, 37V1089, 37V1090, 37V1091, 37V1092, 37V1093, 37V1094, 37V1095, 37V1096, 37V1097, 37V1098, 37V1099, 37V1100, 37V1101, 37V1102, 37V1103, 37V1104, 37V1105, 37V1106, 37V1107, 37V1108, 37V1109, 37V1110, 37V1111, 37V1112, 37V1113, 37V1114, 37V1115, 37V1116, 37V1117, 37V1118, 37V1119, 37V1120, 37V1121, 37V1122, 37V1123, 37V1124, 37V1125, 37V1126, 37V1127, 37V1128, 37V1129, 37V1130, 37V1131, 37V1132, 37V1133, 37V1134, 37V1135, 37V1136, 37V1137, 37V1138, 37V1139, 37V1140, 37V1141, 37V1142, 37V1143, 37V1144, 37V1145, 37V1146, 37V1147, 37V1148, 37V1149, 37V1150, 37V1151, 37V1152, 37V1153, 37V1154, 37V1155, 37V1156, 37V1157, 37V1158, 37V1159, 37V1160, 37V1161, 37V1162, 37V1163, 37V1164, 37V1165, 37V1166, 37V1167, 37V1168, 37V1169, 37V1170, 37V1171, 37V1172, 37V1173, 37V1174, 37V1175, 37V1176, 37V1177, 37V1178, 37V1179, 37V1180, 37V1181, 37V1182, 37V1183, 37V1184, 37V1185, 37V1186, 37V1187, 37V1188, 37V1189, 37V1190, 37V1191, 37V1192, 37V1193, 37V1194, 37V1195, 37V1196, 37V1197, 37V1198, 37V1199, 37V1200, 37V1201, 37V1202, 37V1203, 37V1204, 37V1205, 37V1206, 37V1207, 37V1208, 37V1209, 37V1210, 37V1211, 37V1212, 37V1213, 37V1214, 37V1215, 37V1216, 37V1217, 37V1218, 37V1219, 37V1220, 37V1221, 37V1222, 37V1223, 37V1224, 37V1225, 37V1226, 37V1227, 37V1228, 37V1229, 37V1230, 37V1231, 37V1232, 37V1233, 37V1234, 37V1235, 37V1236, 37V1237, 37V1238, 37V1239, 37V1240, 37V1241, 37V1242, 37V1243, 37V1244, 37V1245, 37V1246, 37V1247, 37V1248, 37V1249, 37V1250, 37V1251, 37V1252, 37V1253, 37V1254, 37V1255, 37V1256, 37V1257, 37V1258, 37V1259, 37V1260, 37V1261, 37V1262, 37V1263, 37V1264, 37V1265, 37V1266, 37V1267, 37V1268, 37V1269, 37V1270, 37V1271, 37V1272, 37V1273, 37V1274, 37V1275, 37V1276, 37V1277, 37V1278, 37V1279, 37V1280, 37V1281, 37V1282, 37V1283, 37V1284, 37V1285, 37V1286, 37V1287, 37V1288, 37V1289, 37V1290, 37V1291, 37V1292, 37V1293, 37V1294, 37V1295, 37V1296, 37V1297, 37V1298, 37V1299, 37V1300, 37V1301, 37V1302, 37V1303, 37V1304, 37V1305, 37V1306, 37V1307, 37V1308, 37V1309, 37V1310, 37V1311, 37V1312, 37V1313, 37V1314, 37V1315, 37V1316, 37V1317, 37V1318, 37V1319, 37V1320, 37V132

Connecting and Installing the TV (continued)

Using the S-Link function

- KV-27V26, 27V36, 28V36C, 28V36M, 28V36M only
- S-Link is a Sony innovation designed to make your Sony components work together. It allows you to automatically switch TV inputs more easily. Press the S-Link button on the front of the TV. Press the S-Link VCR button on the front of the VCR. The TV and VCR will then be in the same row as the SYSTEM OFF button.

Disconnect all power sources before making any connections



If you have an S-Video equipped camcorder, you can use an S-Video connection for optimum picture quality.

Connecting a camcorder

- KV-27V26, 27V36, 28V36C, 28V36M, 28V36M only
- 27V36, 34V36C, 35V36, 35V76, 37V36M only

This connection is convenient for viewing a picture directly from your camcorder.

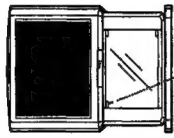
Using AUDIO/VIDEO connectors, connect AUDIO and VIDEO OUT on your camcorder to AUDIO and VIDEO IN on the front panel of your TV (Yellow-VIDEO, White-AUDIO Left, Red-AUDIO Right).

Note:

- If you are connecting a monoaural camcorder, connect only the single audio output to the left input on your TV.

KV-32TW26 and KV-35V76 only

Follow these instructions to install the glass door and adjust the shelf



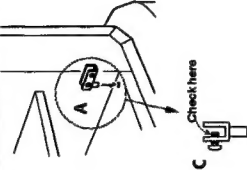
Push here to close. To open, push again.

Parts List	
A Bottom hinge	1
B Top hinge	1
C Screw set	4
D Plate pad	1
E Plate	1
F Metal pin	4

2 Attach the top hinge B to the right side of the glass door, tighten the screws snugly, but do not overtighten. Attach the plate pad D to the left side and push the plate E over the plate pad.

Installing the glass door

1 Check that the projection of the screw through the bottom hinge A does not interfere with the proper installation of the hinge to the glass door, and then insert the hinge into the hole located at the bottom right side of cabinet.



Basic Set up

Inserting batteries

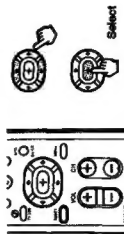
Insert two size AA (R6) batteries (supplied) by matching the + and - on the batteries to the diagram inside the battery compartment.



Notes:

- Remove the batteries to avoid damage from possible battery leakage whenever you anticipate that the remote control will not be used for an extended period.
- Handle the remote control with care. Avoid dropping it, getting it wet, or placing it in direct sunlight, near a heater, or where the humidity is high.
- Your remote control can be programmed to operate most video equipment. See page 24.

Using the remote control Select buttons



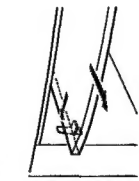
The supplied remote control has select buttons which allow for movement of the on-screen selector in four directions. Pressing on the edge of the select buttons will cause the selector to move in the selected direction. Pressing the center of the select buttons "C" will activate the selected item.

Adjusting sliders

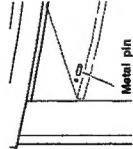
When menu items present a slider (— or —), use the select buttons (← or →) to adjust the setting.

Adjusting the shelf

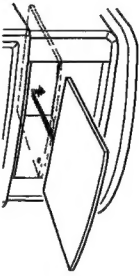
1 Press the upper part of the temporary shelf supports and remove the shelf.



2 Insert the metal pin shelf supports (2 each side).



3 Insert the shelf, ensuring that the pin supports are seated in the grooves on the bottom side of the shelf.



3 Push the top glass door hinge into the top right bushing and gently slide the glass door into the bottom hinge. Adjust the glass door until level, and tighten the hinge screws.



Using your New TV

Setting up the TV automatically

The EASY SETUP GUIDE feature will allow you to set the on-screen language and set all receivable channels. The EASY SETUP GUIDE screen will appear every time you turn on the TV until you perform AUTO PROGRAM.

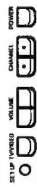
The EASY SETUP GUIDE feature does not apply for installations that use a cable box for all channel selection.

To set up the TV manually, refer to "Using the SET UP menu" on page 22.

Tips

- Perform the function during the day, with the antenna and/or cable properly connected, to ensure that all available channels will be downloaded and received.
- After using EASY SETUP GUIDE, you will still have the option of adjusting any of the system settings, like increasing channels, through the SET UP menu (page 22).
- The TV must be set to TV input to execute AUTO PROGRAM. Press ANT until the channel number appears.
- If your cable or antenna is connected to AUX, then press ANT until "AUX" appears next to the channel number (KV-37S36, 27V36, 29V36C, 29V76M, 32S36, 32V36, 34V36C, 35S36, 35V36, 37V36M only).

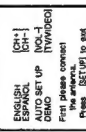
Using the buttons on the front of the TV



For KV-27V36, 29V36C, 29V76M, 32V36, 34V36C, 35V36, 35V76 and 37V36M, the control buttons are located on the top of the TV.

- Press POWER to turn on the TV.

The EASY SETUP GUIDE screen appears for installations that use a cable box for all channel selection.



- Press CHANNEL + or CHANNEL - to select a language. Press CHANNEL + to select English screens or CHANNEL - to select Spanish screens.



- Press VOLUME - to continue or TV/VIDEO for a DEMO of functions and menus.

Using your New TV (continued)

Watching the TV

All of the TV features can be accessed via the remote control. The following chart will explain the function of the buttons found on your remote control.

REFER TO THE ILLUSTRATION OF THE REMOTE CONTROL ON THE INSIDE FRONT COVER OF THIS MANUAL AS YOU REVIEW THIS CHART.

TV (FUNCTION)	TV (FUNCTION)
TV POWER	Turns the TV on and off. If "VIDEO" appears on the screen, press TV/VIDEO or ANT so that a channel number appears.
0-9	Use for direct channel selection. Press 0-9 to select a channel (for example, to select channel 10, press 1 and 0). The channel will change after 2 seconds, or you can press ENTER for immediate selection.
CH +/-	Press to scan through the channels (+ up or - down).
VOL +/-	Press to adjust the volume (+ up or - down).
JUMP	Press to alternate or jump back and forth between two channels. You can only jump between the last two channels that have been selected with the 0-9 keys.
MUTING	Press to mute the sound ("MUTING" will appear on the screen). Press again or press VOL + to restore sound.
FREEZE	Press to freeze the window picture while in PIP mode. If you are not in PIP mode, pressing FREEZE will cause the main picture to freeze into a window picture. Great for copying down phone numbers, addresses, recipes, etc.

14

Using your New TV (continued)

Watching two programs at one time — PIP

The Picture-in-Picture (PIP) feature allows you to view two channels simultaneously, one in the full size "main" picture and one in a smaller "window" picture. This means that two separate tuners must be available to provide the two signals.

Certain models (KV-27S36, 27V26, 29S36, 29S56C, 29V66M, 32S26, 32V26, 34S56C, 35S26, 37S56 only) are equipped with a single tuner. This simply means that a VCR must be connected and turned on for PIP to operate using PIP.

Tip

To ensure correct single-tuner PIP connection (KV-27S36, 27V26, 29S36, 29S56C, 29V66M, 32S26, 32V26, 34S56C, 35S26, 37S56 only), make sure the following list of sample connections is complete before using PIP.

- A cable or antenna is connected to the VCR.
- The VCR is connected to your TV.
- The VCR is turned on.

Note

- You must press TV (FUNCTION) before you can control PIP with the yellow labeled buttons.

REFER TO THE ILLUSTRATION OF THE REMOTE CONTROL ON THE INSIDE FRONT COVER OF THIS MANUAL AS YOU REVIEW THIS CHART.

PIP	TV/VIDEO	AUDIO
Press once to display the window picture (1/8 size). Press again to reduce the size of the window picture (1/16 size). Press a third time to remove the window picture.	Press repeatedly to step through available video inputs: TV, Video 1, Video 2, and Video 3 (KV-27V26, 27V36, 29V36C, 29V66M, 29V76M, 32V26, 32V36, 34V36C, 35V36, 35V76, 37V36M only). If you use one of the connections from page 4, your PIP input source is a VCR. If you use one of the connections from page 5, your PIP input source is a VCR or cable box.	Press to alternate sound between the main picture and the window picture. A "J" will appear for a few seconds to indicate which picture is receiving sound.

Use the Yellow Labeled Buttons for PIP Operations.



Some programs are broadcast with Caption Vision. To display Caption Vision, select CC1, CC2, CC3, CC4, TEXT1, TEXT2, TEXT3, or TEXT4 from the menu, then press DISPLAY until Caption Vision is displayed.

CC1, CC2, CC3, or CC4 shows you a caption, that is, a printed version of the dialogue or sound effects of a program. (The mode should be set to CC1 for most programs) TEXT1, TEXT2, TEXT3, or TEXT4 shows you text, that is, information presented using either half or the whole screen. It is not usually related to the program.

Notes

- Poor reception of TV programs can cause errors in Caption Vision and XDS. Captions may appear with a white box or other errors instead of intended text.
- XDS, Caption Vision, and the status display cannot be used at the same time.

15

SLEEP	Press repeatedly until the TV displays the approximate time in minutes (30, 60, or 90) that you want the TV to remain on before shutting off automatically. Cancel by pressing until "SLEEP OFF" appears.
DISPLAY	Press repeatedly to step through available displays: Status, Channel number, current time, channel caption (if set), and MTS mode (if SAP is selected). XDS (Extended Data Service) shows a network name, program name, program type, program length, call letters, and time of the show if the service offers the service. Caption Vision will be displayed on the screen if the broadcaster offers this service (see note). To cancel the display, press DISPLAY repeatedly until "DISPLAY OFF" appears. "DISPLAY OFF" disappears after three seconds.
TV/VIDEO	Press repeatedly to step through available video inputs: TV, Video 1 and Video 2 (KV-27S36, 27S36, 29S36, 29S56C, 32S26, 32S36, 32V26, 34S56C, 35S26, 35S36, 37S56 only). TV, Video 1, Video 2 and Video 3 (KV-27V26, 27V36, 29V36C, 29V66M, 29V76M, 32V26, 32V36, 34V36C, 35V36, 35V76, 37V36M only).
ANT	Press to change the VHF/UHF input to the AUX input (KV-27S36, 27V36, 29S36C, 29V66M, 32V36, 34V36C, 35S36, 35V36, 37V36M only). For detailed connection information, see "Cable box and cable" or "Cable and antenna" on page 3.
SYSTEM OFF	KV-27V26, 27V36, 29V36C, 29V66M, 29V76M, 32V26, 32V36, 34V36C, 35V36, 35V76, 37V36M only. Press to turn off the TV and all other equipment connected with S-Link and return the TV input to either antenna or AUX, whichever was last used.
MTS/GUIDE	Press this button to cycle through the Multi-channel TV Sound (MTS) options. (page 20)

Use the Yellow Labeled Buttons for PIP Operations.

TWTR + CH -	Press to change the TV channel in the window picture (+ to increase the channel number and - to decrease). For models KV-27S26, 27V26, 29RS26, 29V36, 34V36, 35S26, 35V26, 37RS26, and 37V36, if you are watching the video input in the window picture, you must press VTR (FUNCTION), then use the main CH +/- buttons to change channels.
POSITION ➡	Press to move the location of the window picture (counterclockwise) around the main picture.
FREEZE ⏏	Press to freeze the window picture. Great for copying down phone numbers, addresses, recipes, etc. If a window picture is displayed, then it will be frozen. If only the main picture is displayed, then it will be frozen and displayed as a window picture. Press FREEZE again to restore the previous screen(s).
SWAP ↔	Press to switch the audio and video of the main picture and the window picture. Each time you press SWAP, the picture and sound of the two will be SWAPPED. The channels being received through the AUX jack cannot be displayed as a window picture (KV-27S36, 27V36, 29V36C, 29V76M, 32S36, 32V36, 34V36C, 35S36, 35V36, 35V76, 37RS26, 37V36M only).

17

Using the VIDEO menu



For detailed information on using the remote to modify menu settings, refer to "Learning menu selection" on page 18.

To select the VIDEO menu:



To restore the factory settings
Press RESET on the remote control while the VIDEO menu is displayed.

19

Adjusting your SET UP (menus)

Learning menu selection

Use the MENU button to access a menu and use the Select buttons to alter settings. Use the following example to learn how to modify settings.

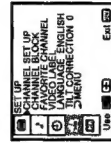
- Press the MENU button.



- Press the select buttons (▲ or ▼) to select the desired option.



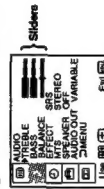
- Press the select buttons (▲ or ▼) to highlight the desired menu and press (▶) to activate it.



18

Adjusting your SET UP (menus) (continued)

Using the AUDIO menu



For detailed information on using the remote to modify menu settings, refer to "Learning menu selection" on page 18.

To select the AUDIO menu:



To restore the factory settings
Press RESET on the remote control while the AUDIO menu is displayed.

Tip
Press (▶) for direct selection of an EFFECT setting.

20

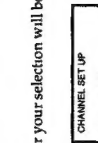
- Make your selection and press (▶) to activate it.
The previous screen will reappear.



When you are done with changes to the selected menu, choose MENU to return to the main menu. Once you have completed all menu corrections, press MENU on the remote control to exit the menu screens.

Note:

- Pressing MENU on the remote control will allow you to exit from the menus.



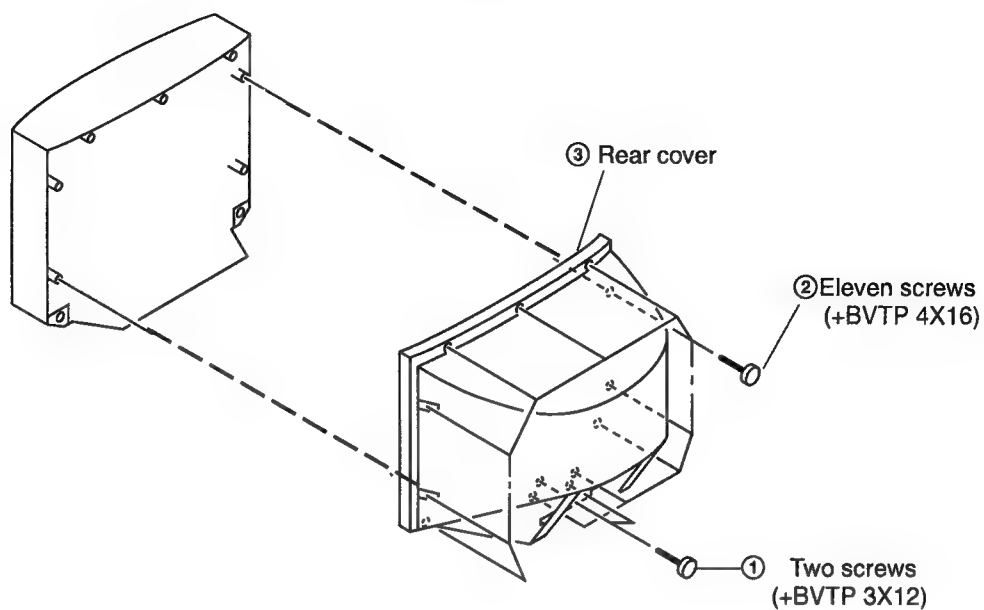
- Press (▶) Options for your selection will be displayed.



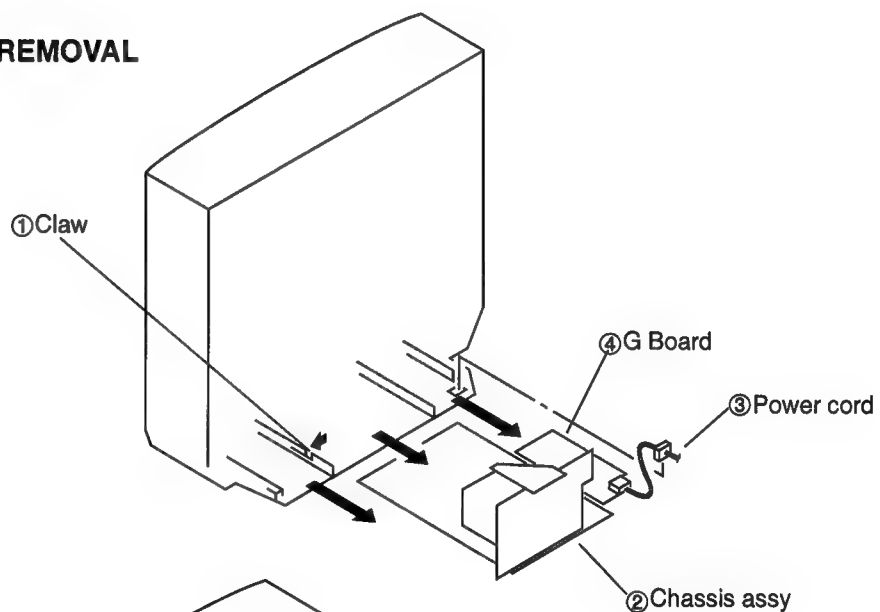
TREBLE Sound Adjustment	Adjust slider left (cursor down) to decrease higher pitched sounds. Adjust slider right (cursor up) to increase higher pitched sounds.
BASS Sound Adjustment	Adjust slider left (cursor down) to decrease low pitched sounds. Adjust slider right (cursor up) to increase low pitched sounds.
BALANCE Sound Adjustment	Adjust slider left (cursor down) to emphasize left speaker volume. Adjust slider right (cursor up) to emphasize right speaker volume.
EFFECT Customize sound effect based on the program's audio type	SURROUND Simulates theater quality sound (only for stereo programs) (KV-27S26, 27V36, 29RS26, 29V36C, 32S36, 32V36, 34V36C, 35S36, 35V36, 37RS26 only). SRS Produces a dynamic three dimensional sound for stereo or encoded audio signals (KV-27V26, 27V36, 29V36C, 29V66M, 29V76M, 32V26, 32V36, 34V36C, 35V36, 35V76, 37V36M only). SIMULATED Adds a surround-like effect to mono programs (KV-27V26, 27V36, 29V36C, 29V66M, 29V76M, 32V26, 32V36, 34V36C, 35V36, 35V76, 37V36M only).
MTS Enjoy stereo, bilingual and mono programs.	STEREO Select for stereo reception when viewing a program broadcast in stereo. SAP Select to listen to bilingual broadcast (non-SAP programs will be muted when this feature is selected). MONO Select for mono reception (use to reduce noise during stereo broadcasts). Quick MTS access Press MTS on your remote to cycle through the MTS options as follows (STEREO → SAP → MONO → STEREO).
SPEAKER Custom selection of audio output source	ON Select to listen to the sound from the TV speakers and a separate stereo system. OFF Select to turn off the TV speakers and listen to the TV's sound only through external audio system speakers.
AUDIO OUT Easy control of volume adjustments	AUDIO OUT can only be set when speakers are set to OFF. VARIABLE Select to vary the TV's settings. Volume, Bass, and Treble. When you select this option, you will be taken to the AUDIO OUT menu where you can use your remote to control the output of a separate audio system. FIXED Sound output is held at a fixed level. Volume, Bass, Treble, and Balance are fixed to the factory settings. Volume adjustments are made through your stereo.

SECTION 2 DISASSEMBLY

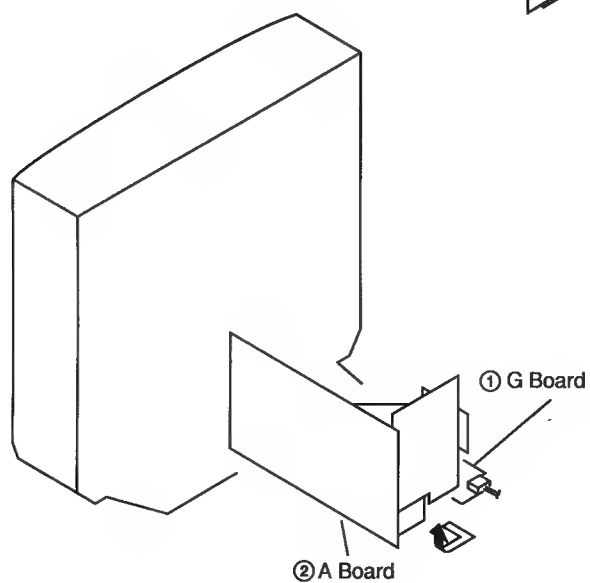
2-1. REAR COVER REMOVAL



2-2. CHASSIS ASSEMBLY REMOVAL



2-3. SERVICE POSITION

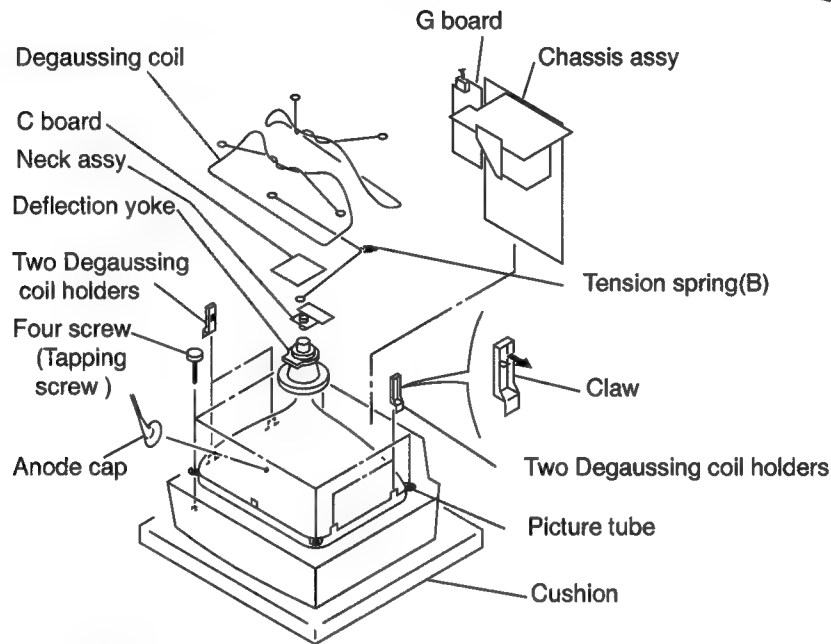
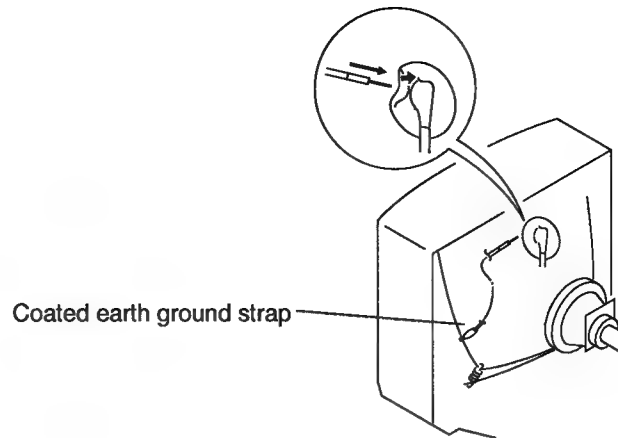


2-4. PICTURE TUBE REMOVAL

WARNING before removing anode cap:

H.V. remains in the CRT even after the power is disconnected.

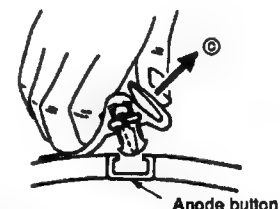
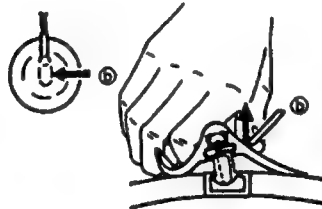
To avoid electrical shock, remove the anode cap before attempting to discharge CRT: Short between anode and CRT coated earth ground strap.



• REMOVAL OF THE ANODE-CAP

NOTE. Short circuit the anode of the picture tube and the anode cap to the metal chassis, CRT shield or carbon painted on the CRT, after removing the anode.

• REMOVAL PROCEDURES



① Turn up one side of the rubber cap in the direction indicated by arrow ①.

② Use your thumb to pull the rubber cap firmly in the direction indicated by arrow ②.

③ When one side of the rubber cap separates from the anode button, the anode-cap can be removed by turning the rubber cap and pulling it in the direction of arrow ③.






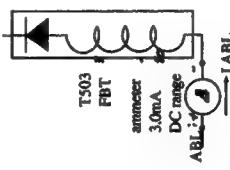
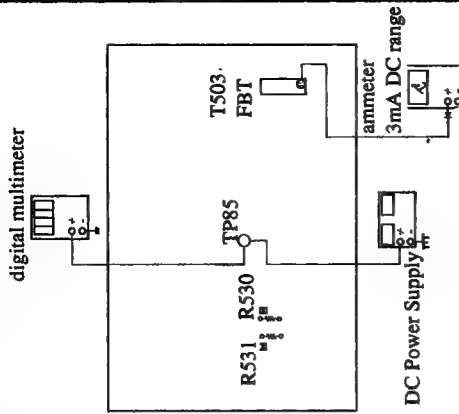
• HOW TO HANDLE AN ANODE-CAP

Do not use sharp objects which may cause damage to the surface of the anode-cap.

Do not squeeze the rubber covering too hard to avoid damaging the anode-cap. A material fitting called a shatter-hook terminal is built into the rubber.

Do not force turn the foot of the rubber cover. This may cause the shatter-hook terminal to protrude and damage the rubber.

SECTION 3 SAFETY RELATED ADJUSTMENTS

ADJUSTMENT ITEM AND PROCEDURE	EQUIPMENT AND SIGNAL	MEASUREMENT POSITION	ADJUSTMENT LOCATION	ILLUSTRATION AND SHAPE AND NUMBER
<p>RESISTOR CONFIRMATION METHOD (HOLD-DOWN CONFIRMATION) AND READJUSTMENTS</p> <p>The following adjustments should always be performed when replacing the components marked with  on the A and G Board schematic diagrams. (Hold-down operation confirmation)</p> <p>Step 1</p> <p>Preparation before confirmation:</p> <p>a) Turn the POWER switch ON, input a white signal and set the PICTURE and BRIGHTNESS controls to maximum.</p> <p>b) Confirm that the voltage at the check terminal of TP85 is more than 18.0 VDC when the set is operating normally. (120 ± 2.0 VAC)</p> <p>Step 2</p> <p>Input a white signal and verify that I ABL is within the specified range.</p> <p>Step 3</p> <p>Record the voltage between TP85 and ground.</p> <p>Step 4</p> <p>Using an external DC power supply, apply voltage between TP 85 and ground. Increase the voltage gradually and confirm that the hold-down works (raster disappears) at lower than the voltage recorded in Step 3.</p> <p>Step 5</p> <p>Confirm that a voltage of more than 18.0 VDC appears between TP85 and ground.</p>	<p>White Picture</p> <p>Digital multimeter</p> <p>White Picture</p> <p>White Picture</p>	<p> marked parts A Board IC351, IC501 D519, D520, D521, C531, C532, R387, R529, R530, R531 R532, R533, R550, TS03 G Board IC643, R661</p> <p>TP85 (H. PROT)</p>	<p> R530, 531</p> <p>PICTURE BRIGHTNESS maximum</p> <p></p> <p>PICTURE BRIGHTNESS maximum</p>	<p>A BOARD - CONDUCTOR SIDE -</p> <p></p> <p>[Check Condition] Step 2 2160 ± 100 μA 120 $^{+2.0}_{-0}$ VAC (Power Supply)</p> <p>[Check Condition] Step 4 lower than 22.05 V DC 120 $^{+2.0}_{-0}$ VAC (Power Supply)</p> <p>[Check Condition] Step 5 more than 18.0V DC 120 $^{+2.0}_{-0}$ VAC (Power Supply)</p>

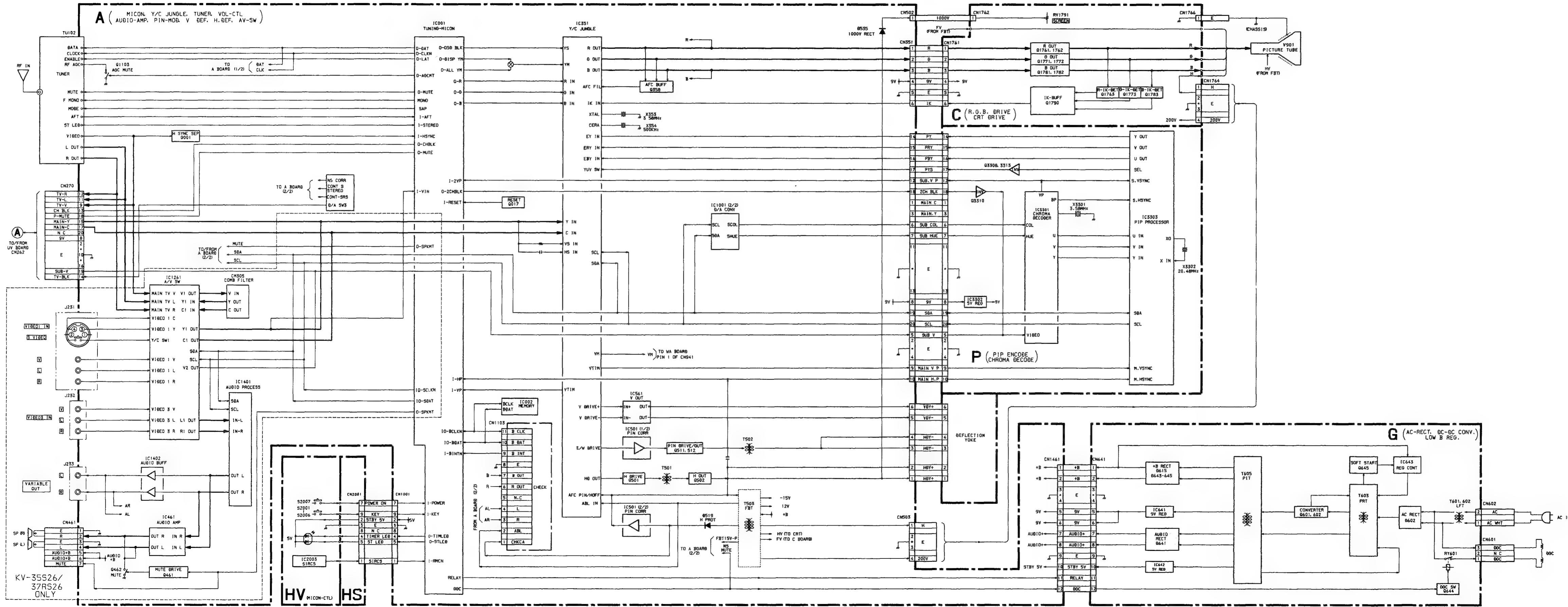
[illegible]

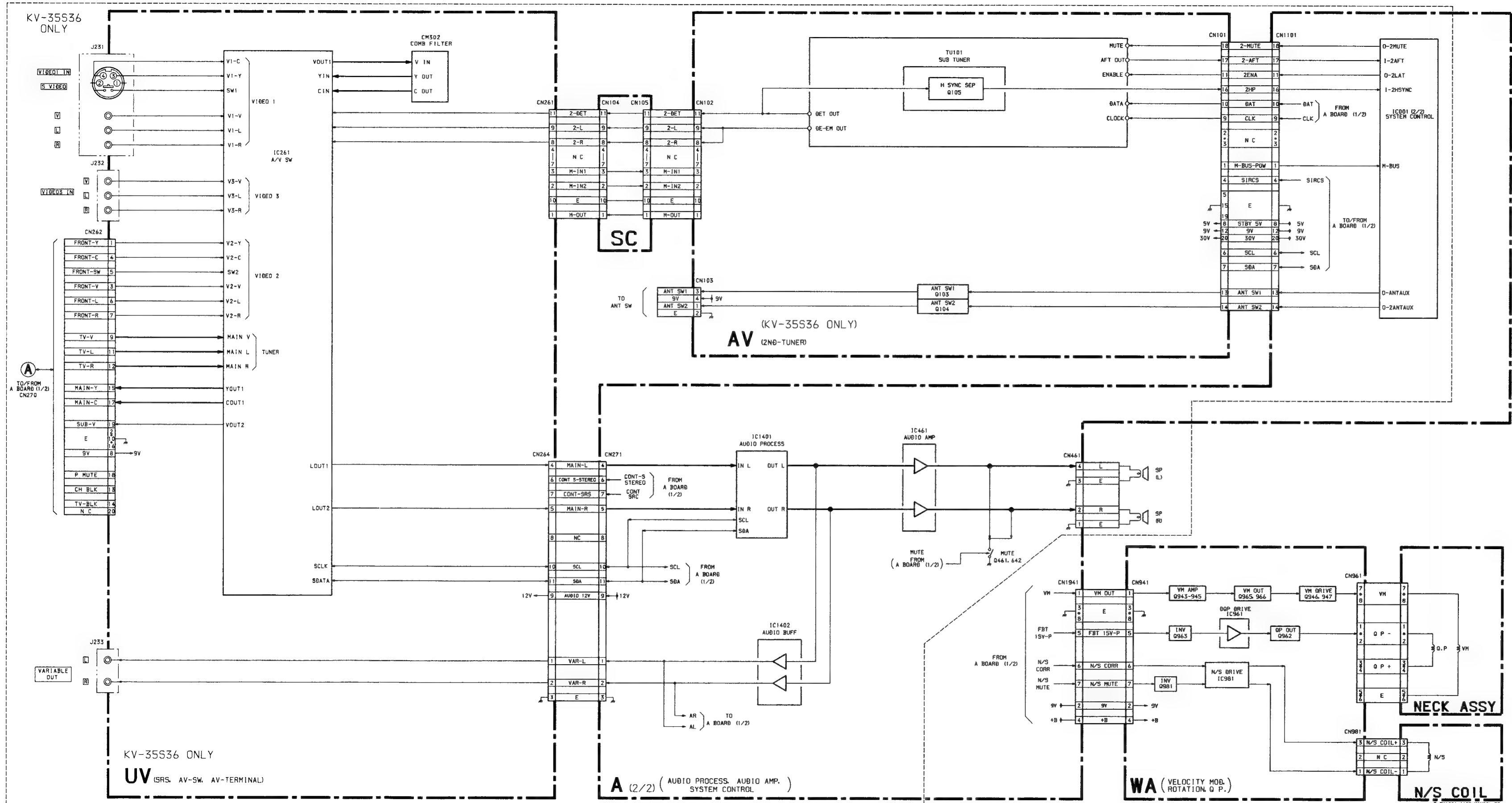
This image shows a single sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.

SECTION 4
DIAGRAMS

KV-35S26/35S36/37RS26 (RM-Y136A)

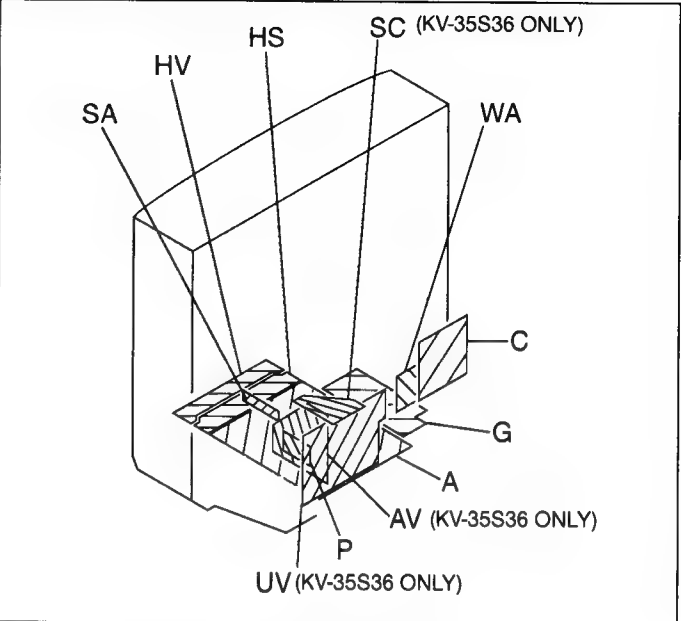
4-1. BLOCK DIAGRAM





SECTION 4
DIAGRAMS

4-2. CIRCUIT BOARDS LOCATION



4-3. PRINTED WRING BOARDS AND SCHEMATIC DIAGRAMS

- Note
- All capacitors are in μF unless otherwise noted. pF μF 50V or less are not indicated except for electrolytics and tantalums.
 - All electrolytics are in 50V unless otherwise specified.
 - All resistors are in ohms $\text{k}\Omega=1000\Omega$, $\text{M}\Omega=1000\text{k}\Omega$.
 - Indication of resistance, which does not have one for rating electrical power, is as follows.

Pitch 5mm
Rating electrical power $\frac{1}{4}\text{W}$

- $\frac{1}{4}\text{W}$ in resistance, $\frac{1}{10}\text{W}$ and $\frac{1}{10}\text{W}$ in chip resistance
- nonflammable resistor
- fusible resistor
- Δ internal component
- panel designation and adjustment for repair
- All variable and adjustable resistors have characteristic curve B, unless otherwise noted
- The components identified by in this basic schematic diagram have been carefully factory-selected for each set in order to satisfy regulations regarding X-ray radiation. Should replacement be required, replace only with the value originally used.
- When replacing components identified by , make the necessary adjustments indicated. If results do not meet the specified value, change the component identified by and repeat the adjustment until the specified value is achieved. (Refer to R530 and R531 adjustment on Page 14 - 15)
- When replacing the part in below table, be sure to perform the related adjustment.

Part replaced()	Adjustment()
IC351, IC501, D519, D520, D521 C531, C532, R387, R529, R530, R531, R532, R333R550, T503.....A BOARD IC643, R661.....G BOARD	R530, R531

- Readings are taken with a color-bar signal input
- Readings are taken with a 10M Ω digital multimeter
- Voltages are DC with respect to ground unless otherwise noted
- Voltage variations may be noted due to normal production tolerances
- All voltages are in V
- S Measurement impossibility
- B+ line
- B-line
- (Actual measured value may be different)
- signal path (RF)
- Circled numbers are waveform references

Reference information

RESISTOR	RN	METAL FILM
	RC	SOLID
	FRD	NONFLAMMABLE CARBON
	FUSE	NONFLAMMABLE FUSIBLE
	RW	NONFLAMMABLE WIREWOUND
	RS	NONFLAMMABLE METAL OXIDE
	RB	NONFLAMMABLE CEMENT
	\times	ADJUSTMENT RESISTOR
COIL	LF-8L	MICRO INDUCTOR
CAPACITOR	TA	TANTALUM
	PS	STYROL
	PP	POLYPROPYLENE
	PT	MYLAR
	MPS	METALIZED POLYESTER
	MPP	METALIZED POLYPROPYLENE
	ALB	BIPOLAR
	ALT	HIGH TEMPERATURE
	ALR	HIGH RIPPLE

Note

The symbol display is on the component side.

The components identified by shading and mark Δ are critical for safety. Replace only with part number specified.

The symbol indicate fast operating fuse. Replace only with fuse of same rating as marked.

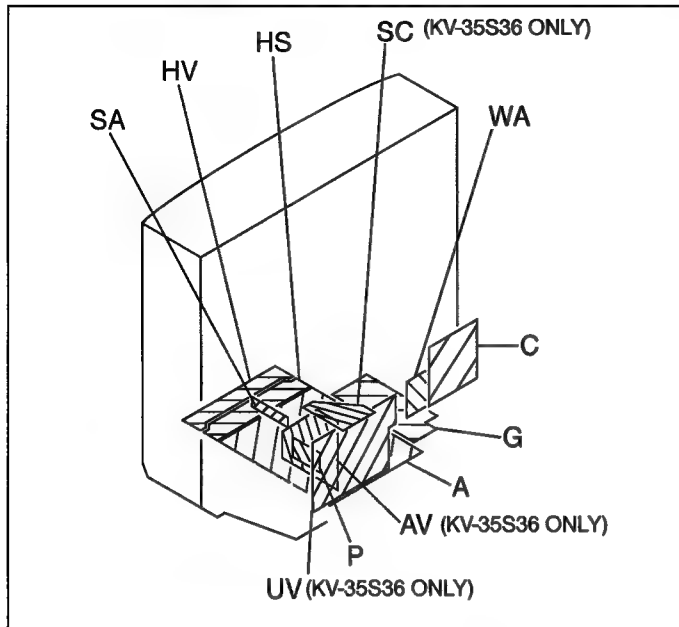
Note

Les composants identifiés par un tramé et une marque Δ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

Le symbole indique une fusible à action rapide. Doit être remplacée par une fusible de même valeur, comme marqué.

SECTION 4 DIAGRAMS

4-2. CIRCUIT BOARDS LOCATION



- Readings are taken with a color-bar signal input.
- Readings are taken with a 10M Ω digital multimeter.
- Voltages are DC with respect to ground unless otherwise noted.
- Voltage variations may be noted due to normal production tolerances.
- All voltages are in V.
- S : Measurement impossibility.
- : B+line.
- : B-line.
- (Actual measured value may be different).
- : signal path. (RF)
- Circled numbers are waveform references.

4-3. PRINTED WIRING BOARDS AND SCHEMATIC DIAGRAMS

Note:

- All capacitors are in μ F unless otherwise noted. pF : μ F 50WV or less are not indicated except for electrolytics and tantalums.
- All electrolytics are in 50V unless otherwise specified.
- All resistors are in ohms.
k Ω =1000 Ω , M Ω =1000k Ω
- Indication of resistance, which does not have one for rating electrical power, is as follows.

Pitch : 5mm
Rating electrical power : $\frac{1}{4}$ W

- $\frac{1}{4}$ W in resistance, $\frac{1}{10}$ W and $\frac{1}{8}$ W in chip resistance.
- : nonflammable resistor.
- : fusible resistor.
- Δ : internal component.
- : panel designation and adjustment for repair.
- All variable and adjustable resistors have characteristic curve B, unless otherwise noted.
- The components identified by in this basic schematic diagram have been carefully factory-selected for each set in order to satisfy regulations regarding X-ray radiation.
Should replacement be required, replace only with the value originally used.
- When replacing components identified by , make the necessary adjustments indicated. If results do not meet the specified value, change the component identified by and repeat the adjustment until the specified value is achieved.
(Refer to R530 and R531 adjustment on Page 14 – 15.)
- When replacing the part in below table, be sure to perform the related adjustment.

Part replaced()	Adjustment()
IC351, IC501, D519, D520, D521 C531, C532, R387, R529, R530, R531, R532, R333, R550, T503.....A BOARD IC643, R661.....G BOARD	R530, R531

Reference information

RESISTOR	: RN	METAL FILM
	: RC	SOLID
	: FPRD	NONFLAMMABLE CARBON
	: FUSE	NONFLAMMABLE FUSIBLE
	: RW	NONFLAMMABLE WIREWOUND
	: RS	NONFLAMMABLE METAL OXIDE
	: RB	NONFLAMMABLE CEMENT
	:	ADJUSTMENT RESISTOR
COIL	: LF-8L	MICRO INDUCTOR
CAPACITOR	: TA	TANTALUM
	: PS	STYROL
	: PP	POLYPROPYLENE
	: PT	MYLAR
	: MPS	METALIZED POLYESTER
	: MPP	METALIZED POLYPROPYLENE
	: ALB	BIPOLAR
	: ALT	HIGH TEMPERATURE
	: ALR	HIGH RIPPLE

Note:

The symbol display is on the component side.
The components identified by shading and mark Δ are critical for safety. Replace only with part number specified.
The symbol indicate fast operating fuse.
Replace only with fuse of same rating as marked.

Note:

Les composants identifiés par un trame et une marque Δ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

Le symbole indique une fusible à action rapide. Doit être remplacée par une fusible de même valeur, comme marqué.

P BOARD IC VOLTAGE LIST

	pin	volt		pin	volt		pin	volt
IC3301	1	GND	IC3302	20	3.0	IC3303	13	NC
	2	NC		21	3.0		14	-3.0
	3	GND		22	4.7		15	GND
	4	4.0		23	GND		16	GND
	5	6.8		24	2.9		17	0.7
	6	GND		IN	9.1		18	0.5
	7	0.2		OUT	5.3		19	0.2
	8	0		1	GND		20	0.3
	9	1.8		2	3.2		21	5.1
	10	0.3		3	2.6		22	5.2
	11	8.2		4	2.3		23	NC
	12	8.2		5	5.1		24	NC
	13	3.9		6	GND		25	GND
	14	3.4		7	0.5		26	NC
	15	0		8	0		27	GND
	16	2.8		9	0.6		28	2.3
	17	NC		10	5.2		29	5.2
	18	2.5		11	2.1		30	2.6
	19	3.5		12	0.3		31	4.2
							32	2.5

All voltages are in V

P BOARD TRANSISTOR VOLTAGE LIST

	B	C	E
Q3301	5.3	9.1	4.7
Q3305	0.5	GND	1.2
Q3306	0.8	GND	1.4
Q3307	0.6	GND	1.3
Q3308	0	GND	2.8
Q3310	0	5.2	GND
Q3312	0	0	0.8
Q3313	0.8	0.4	GND

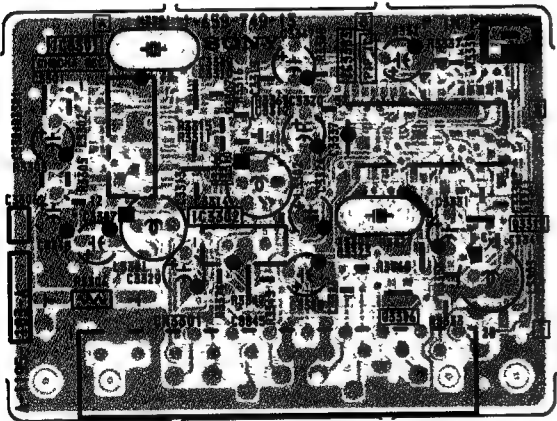
All voltages are in V

P

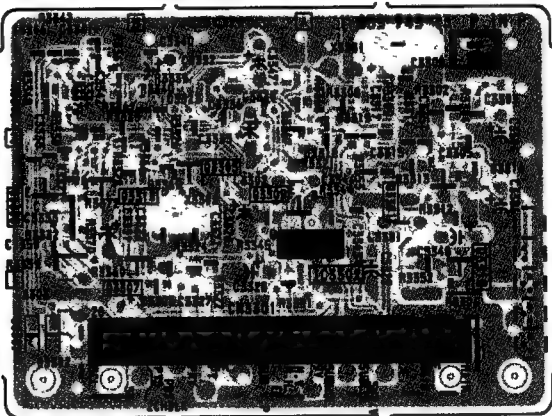
[P in P]

— P BOARD —

< COMPONENT SIDE >

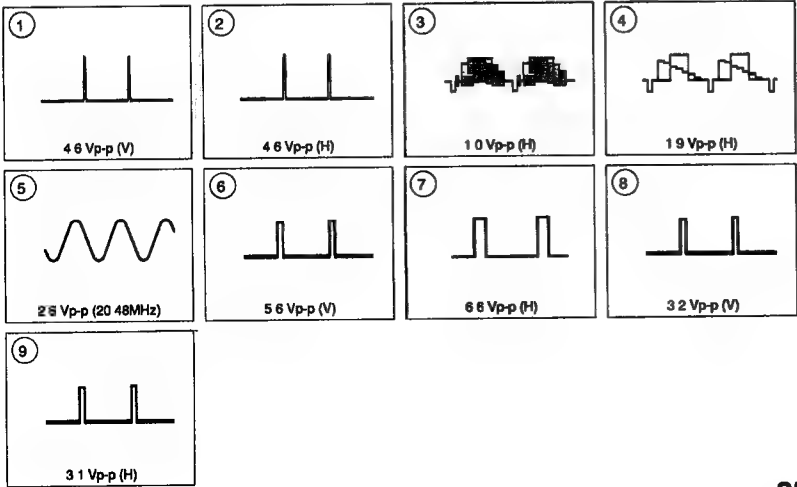


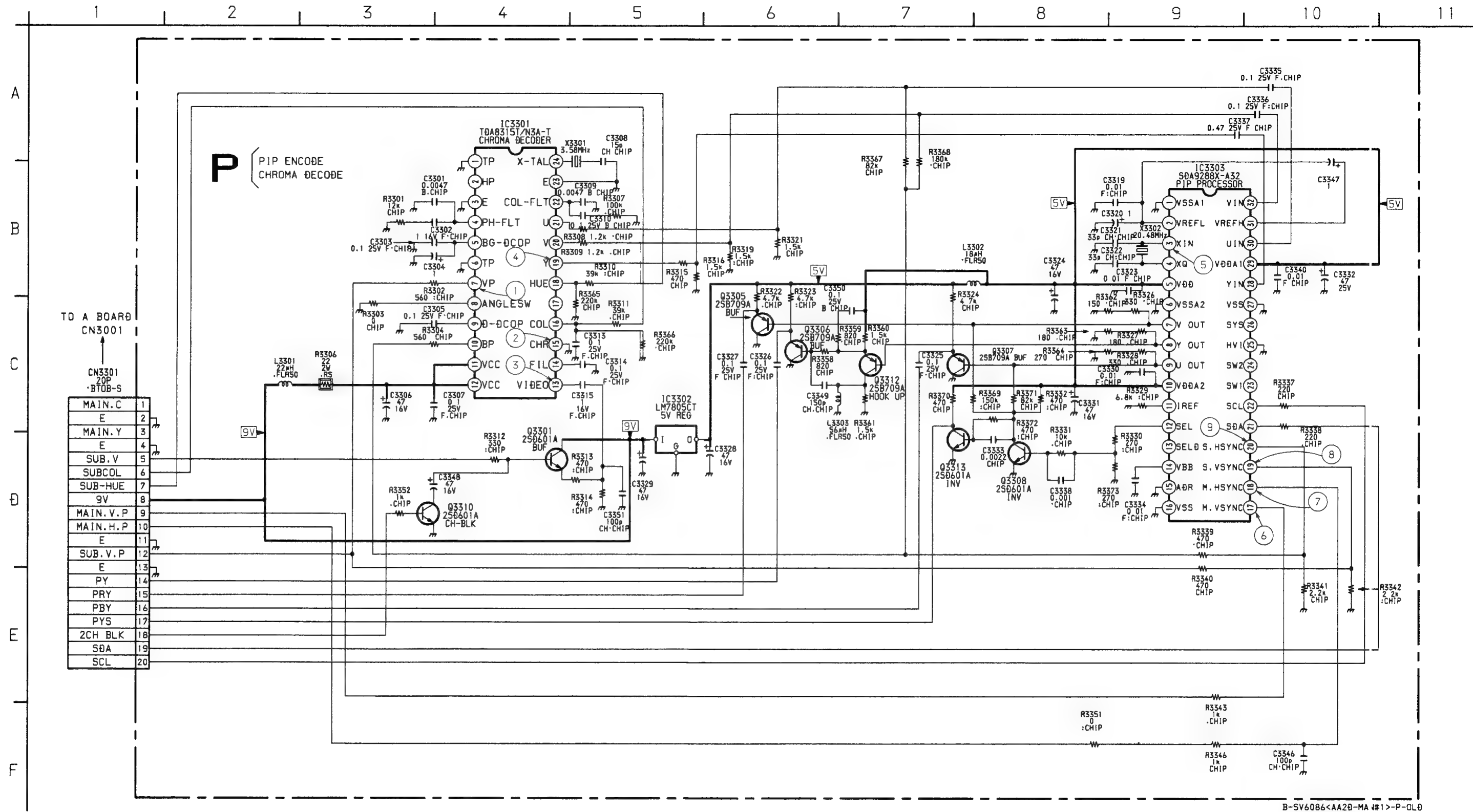
< CONDUCTOR SIDE >



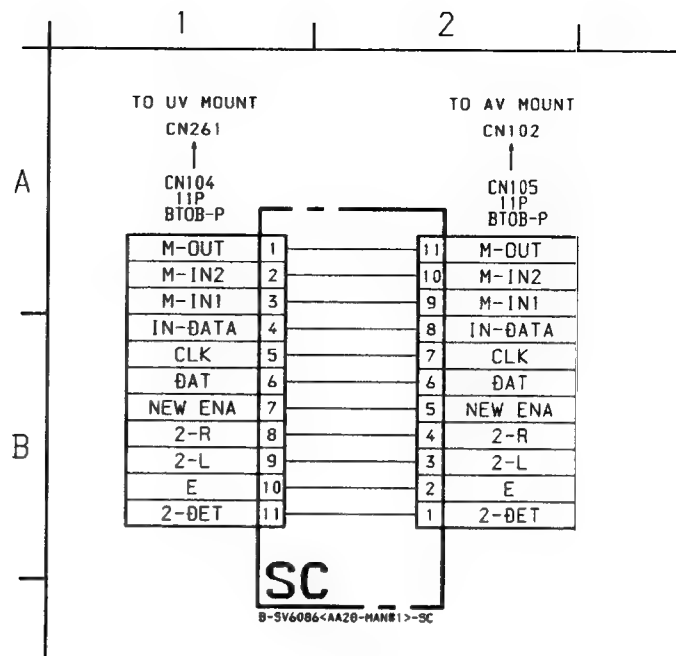
- : Pattern from the side which enables seeing.
- : Pattern of the rear side.

P BOARD WAVEFORMS



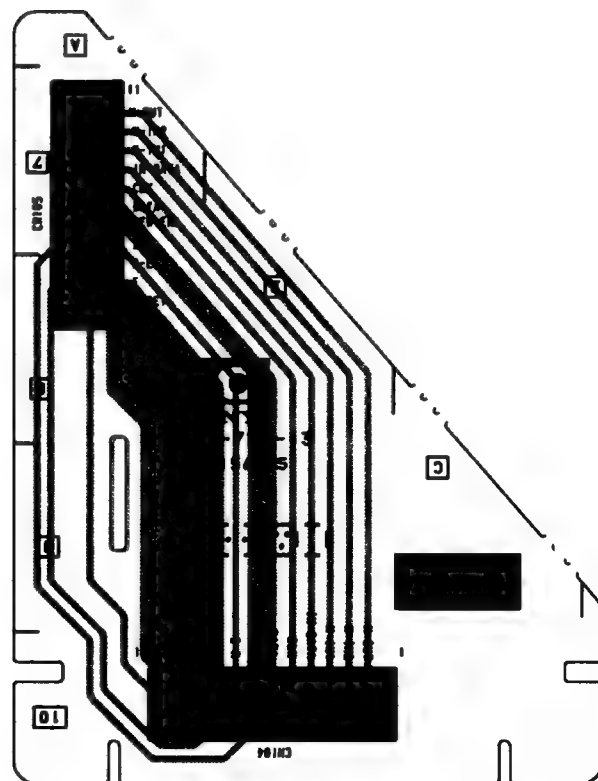


B-SV6086<AA20-MA #1>-P-OL0

**SC**

(KV-35S36 ONLY)

— SC BOARD —



A BOARD **LOCATOR LIST**

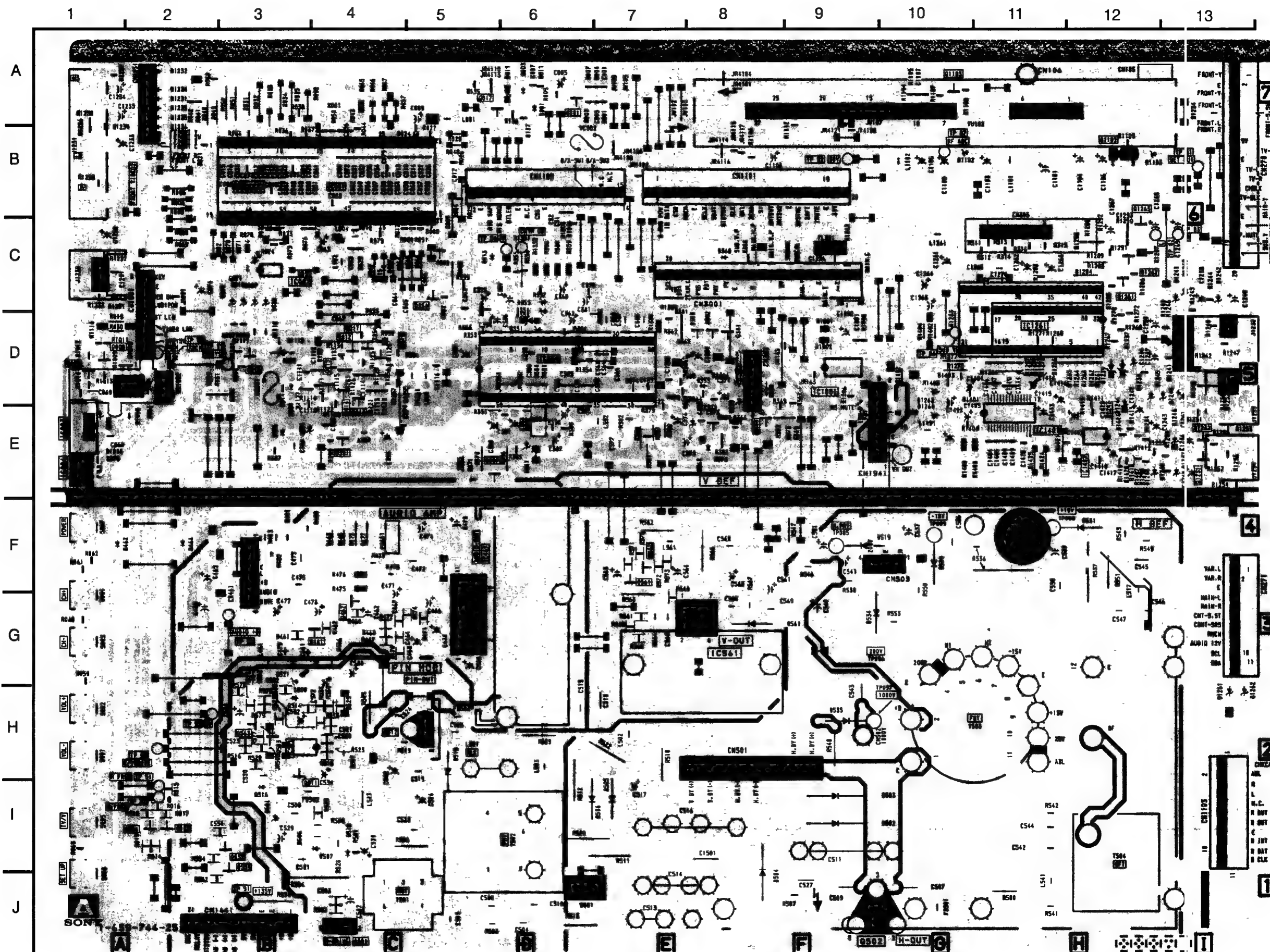
DIODE	
D001	A-6
D002	D-3
D003	A-6
D004	C-3
D011	A-5
D013	C-5
D014	D-3
D015	C-4
D353	D-8
D356	E-3
D360	E-7
D362	E-8
D368	C-8
D462	F-1
D501	I-3
D502	I-9
D503	I-9
D504	J-8
D505	I-7
D506	I-6
D507	I-3
D515	H-5
D516	I-3
D518	I-4
D519	F-9
D520	H-3
D521	G-3
D530	F-10
D531	F-12
D534	G-9
D535	H-9
D561	G-8
D562	G-3
D1102	B-10
D1103	B-12
D1248	E-12
D1263	D-10
D1264	E-10
IC	
IC001	B-4
IC002	C-3
IC351	D-6
IC461	G-5
IC501	H-3
IC561	G-8
IC1001	D-9
IC1401	E-11
IC1402	E-12
TRANSISTOR	
Q001	A-6
Q002	C-5
Q003	I-2
Q004	I-1
Q010	D-4
Q011	D-4
Q012	D-4
Q013	E-4
Q014	D-4
Q015	D-4
Q016	D-3
Q017	A-5
Q301	D-8
Q302	D-8
Q303	D-8
Q354	E-8
Q356	C-5
Q357	E-5
Q358	E-8
Q461	G-3
Q462	G-4
Q501	J-4
Q502	J-9
Q511	H-3
Q512	H-5
Q551	I-2
Q552	I-2
Q561	F-7
Q562	F-7
Q563	H-2
Q1102	B-12
Q1103	A-10
Q1231	E-13
Q1232	E-13

Schematic diagrams

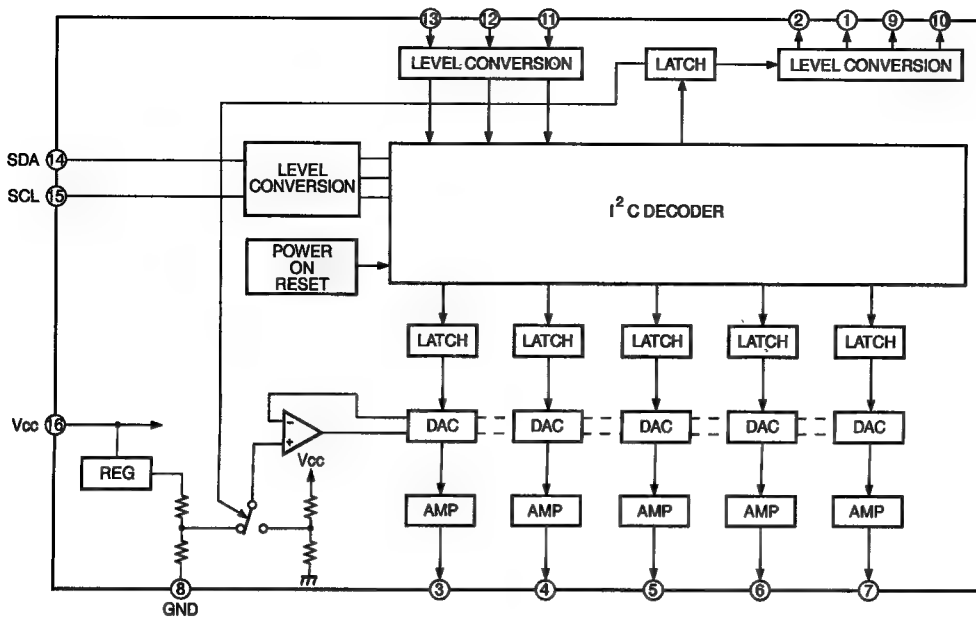
A

[MICON, Y/C/J, TUNER, VOL-CTL, AUDIO-AMP, PIN-MOD, V.DEF, H.DEF, AV-SW]

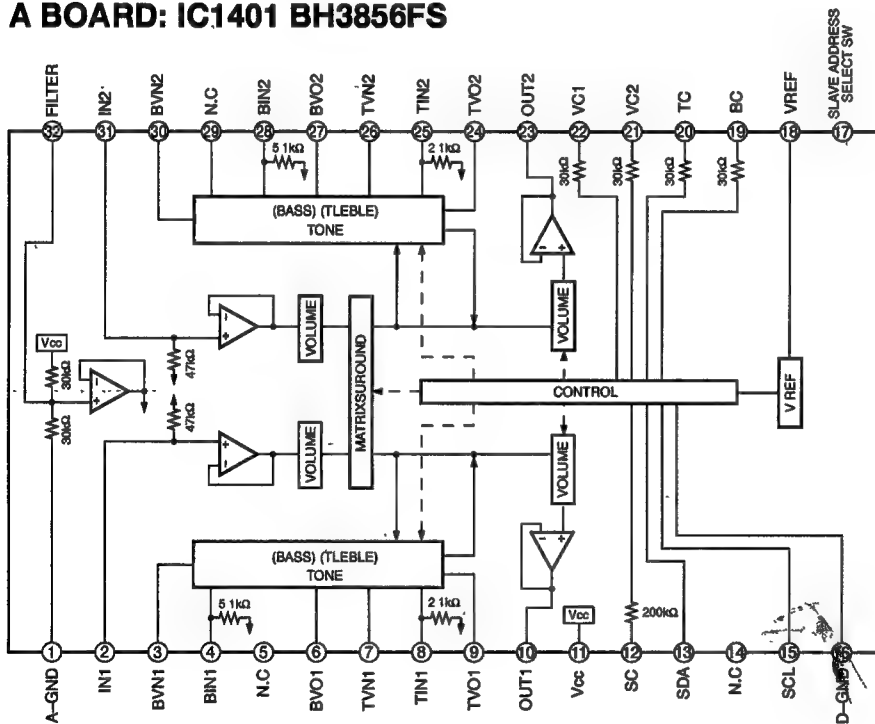
— A BOARD —



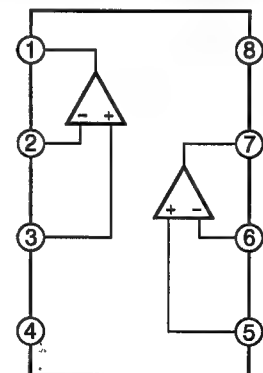
A BOARD: IC1001 CXA1315M



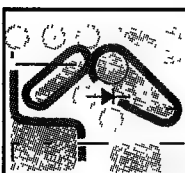
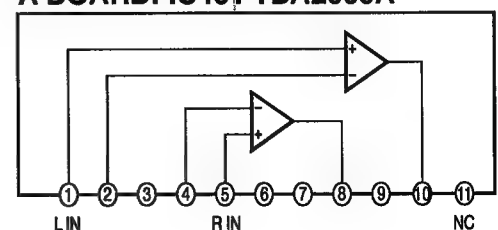
A BOARD: IC1401 BH3856FS



A BOARD: IC1402 NJM4558M



A BOARD: IC461 TDA2009A



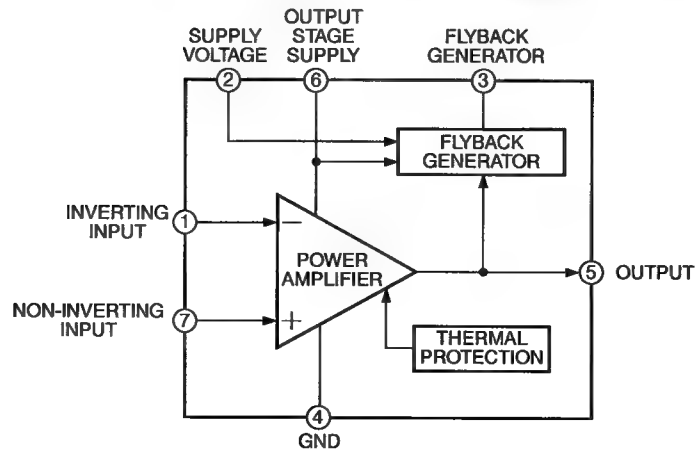
NOTE:
Portions of the circuit marked as shown are high voltage areas. Use care to prevent electric shocks during inspection or repair.

A BOARD (*) MARK LIST

	KV-35S26/37RS26	KV-35S36		KV-35S26/37RS26	KV-35S36
C513	033MF	#	R1243	100K	#
C1236	0 01	#	R1244	75	#
C1237	0 047	#	R1245	470K	#
C1238	0 047	#	R1246	4 7K	#
C1239	1	#	R1247	470K	#
C1240	1	#	R1248	4 7K	#
C1241	0 047	#	R1249	75	#
C1242	1	#	R1250	470K	#
C1243	1	#	R1251	47K	#
C1261	47	#	R1252	470K	#
C1262	47	#	R1253	4 7K	#
C1263	1	#	R1254	470K	#
C1264	1	#	R1255	1K	0
C1265	0 1	#	R1256	470K	#
C1266	47	#	R1257	1K	#
C1267	0.047	#	R1261	220	#
C1268	1	#	R1262	100	#
C1269	1	#	R1263	220	#
C1270	0 01	#	R1264	100	#
CM305	1-467-554-21	#	R1265	220	#
CN270	#	20P	R1266	100	#
CN271	#	11P	R1267	0	#
CN1101	#	20P	R1268	100	#
D1247	MTZJ-T-77-10B	#	R1270	100	#
D1261	MTZJ-T-77-10B	#	R1273	220	#
D1262	MTZJ-T-77-10B	#	R1274	100	#
IC1261	MM1313	#	R1277	220	#
J1232	S3P	#	R1278	220	#
J1233	3P	#	R1280	100	#
J1234	2P	#	R1282	100	#
JW050	#	17 5MM	R1283	22	#
JW233	12 5MM	#	R1284	100	#
Q1261	2SB709A	#	R1286	1K	#
Q1262	2SB709A	#	R1287	1K	#
Q1263	2SD601A	#	R1288	100	#
R311	0	#	R1290	470	#
R312	1K	#	R1291	680	#
R313	0	#	R1292	4 7K	#
R314	1K	#	R1293	4 7K	#
R467	4.7K	6 8K	R1297	100	#
R469	4 7K	2 2K	R1402	10K	#
R471	4 7K	6 8K	R1404	10K	#
R472	4 7K	2 2K	R1408	#	10K
R1234	100K	#	R1409	#	10K
R1240	75	#	R1412	22K	68K
R1241	75	#	R1418	22K	68K
R1242	4.7K	#			

Not Mounted

A BOARD: IC561 STV9379



A BOARD IC VOLTAGE LIST

	pin	volt		pin	volt		pin	volt		pin	volt
IC001	1	0		52	0		31	3.1		6	0.6
	2	0		53	4.9		32	3.2		7	3.8
	3	0		54	4.9		33	3.7		8	GND
	4	0		55	4.9		34	4.5		9	0
	5	0		56	5.0		35	4.8		10	0
	6	5.0		57	5.0		36	8.7		11	GND
	7	0		58	0		37	3.4		12	GND
	8	0		59	3.7		38	3.6		13	GND
	9	0.8		60	0.5		39	4.1		14	5
	10	0		61	0		40	4.3		15	5
	11	0		62	4.8		41	2.5		16	8.7
	12	5		63	0		42	GND		17	GND
	13	4.2		64	4.6		43	2.8		18	4.3
	14	1.3	IC002	1	GND		44	2.8		19	4.3
	15	5		2	GND		45	4.1		20	4.3
	16	GND		3	GND		46	3.3		21	5
	17	2.6		4	GND		47	6.0		22	6.3
	18	*		5	5.0		48	0.4		23	4.3
	19	3.1		6	5.0		49	0		24	4.4
	20	5		7	GND	IC461	50	0		25	4.4
	21	2	8	5.0			1	1.5		26	4.4
22	2	NC		2	3.5			27	4.4		
23	0	IC351	2	NC		3	12.2		28	3.8	
24	0		3	2.2		4	3.5		29	4.9	
25	GND		4	5.9		5	1.5		30	4.0	
26	0		5	4.1		6	0		31	5	
27	1.6		6	4.6		7	0		32	5	
28	5		7	4.3		8	0.3		33	5	
29	0.2		8	9.2		9	22.1		34	5	
30	0		9	5.2		10	0.3		35	5	
31	0		10	5.2		11	0		36	5	
32	0		11	0.3	IC501	1	3.4		37	5	
33	0		12	6.6			2	7.9		38	5
34	0		13	6.3			3	8.3		39	5
35	0		14	6.3		4	-16.5		40	5	
36	0		15	GND		5	2.3		41	5	
37	0		16	0		6	2.8		42	5	
38	0		17	0		7	-16.3		43	5	
39	0		18	5.2	IC561	8	12.6		44	5	
40	0		19	5.2			9	1.8		45	5
41	0		20	5.2			10	12.6		46	5
42	0		21	4.0		11	-14.5		47	5	
43	0		22	2.2		12	-16.6		48	5	
44	3.0		23	5.1		13	0.0		49	5	
45	3.0		24	1.8		14	6.3		50	5	
46	5.0		25	4.5		15	7.1		51	5	
47	5.0		26	2.3	IC1001	1	0.0		4	GND	
48	GND		27	4.7			2	0.0		5	4.3
49	GND		28	1.7			3	3.2		6	4.3
50	5.0		29	6.8		4	2.8		7	4.3	
51	0		30	0.7		5	0.5		8	8.7	

All voltages are in V

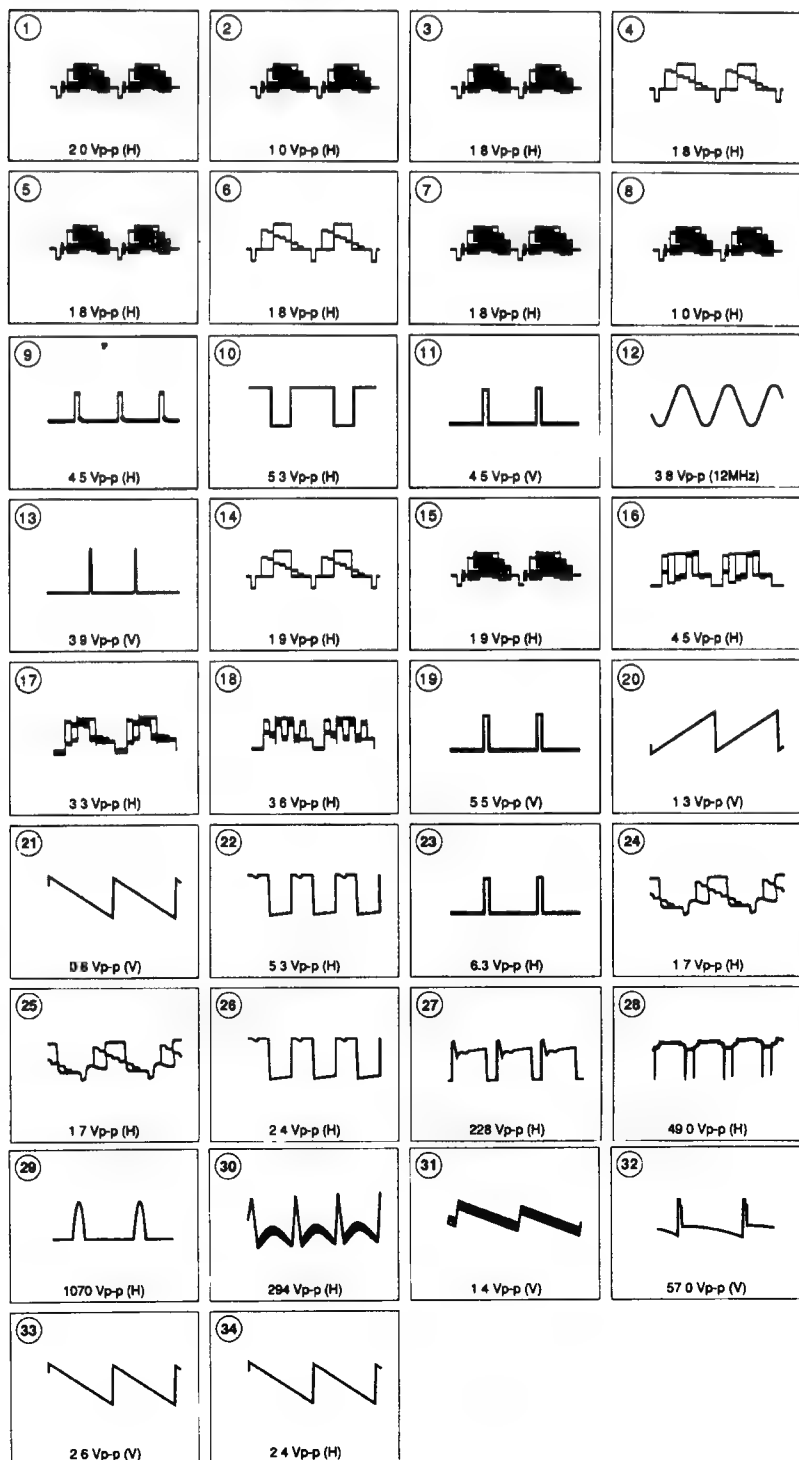
* Cannot measured

A BOARD TRANSISTOR VOLTAGE LIST

	B	C	E
Q001	5.2	0.9	5.0
Q002	4.8	5.0	4.1
Q003	-0.4	4.2	GND
Q004	0.8	GND	1.3
Q010	0	8.7	0
Q011	0	8.7	0
Q012	0	8.7	0
Q013	-0.2	0	GND
Q014	-0.2	0	GND
Q015	-0.2	0	GND
Q016	5.8	8.7	5.1
Q017	4.4	5.0	5.0
Q301	4.0	GND	2.2
Q302	4.0	GND	1.8
Q303	4.0	GND	2.0
Q354	0.2	GND	-0.5
Q365	4.9	GND	5.6
Q367	3.6	8.7	0
Q368	1.9	8.7	2.0
Q461	0.8	0	0
Q462	20.0	20.6	20.7
Q501	-0.7	105.6	GND
Q502	-0.4	136.1	0
Q511	-16.3	-13.0	-16.5
Q512	-16.9	19.1	-16
Q563	134.3	0.4	134.9
Q1102	8.0	9.2	5.3
Q1103	0	2.5	GND
Q1231	0	0	GND
Q1232	0	0	GND

All voltages are in V

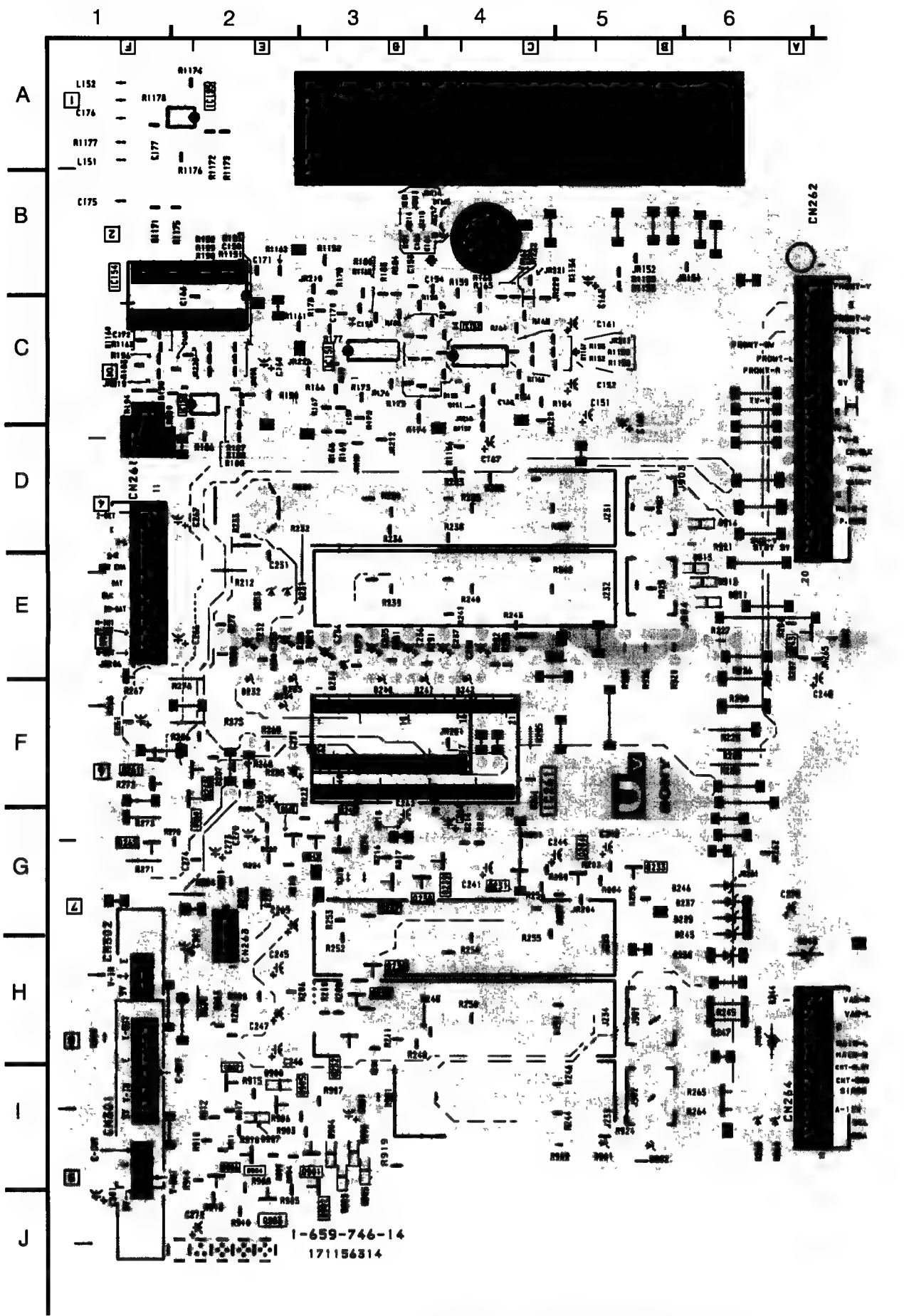
A BOARD WAVEFORMS



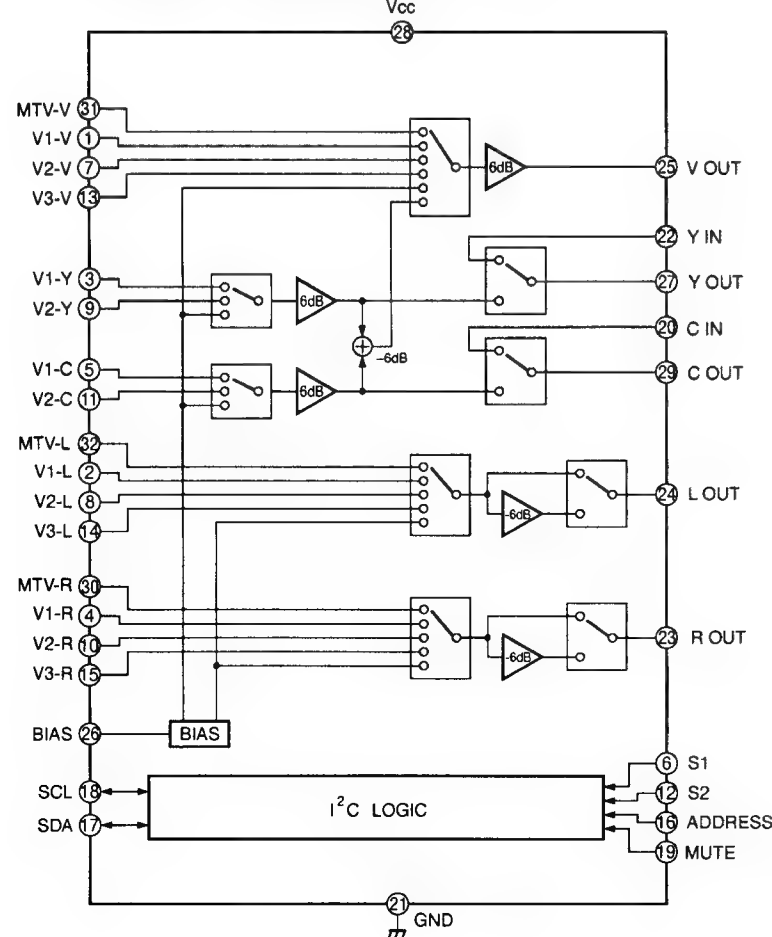


[SRS, AV-SW, AV-TERMINAL]
(KV-35S36 ONLY)

— UV BOARD —



UV BOARD IC261MM1311AD



Schematic diagrams

← A board UV board →

UV BOARD

DIODE	
D231	E-2
D232	E-2
D233	E-2
D234	F-2
D235	E-2
D236	E-3
D237	G-6
D238	G-6
D239	G-6
D240	E-3
D241	E-3
D242	E-4
D243	G-6
D244	H-6
D245	G-6
D246	G-6
D264	I-6
D265	I-6
D802	I-5
D909	E-5
D910	E-5
IC	
IC151	C-3
IC152	C-4
IC153	C-2
IC154	C-2
IC261	F-4
TRANSISTOR	
Q231	G-4
Q232	H-3
Q233	G-5
Q234	G-5
Q235	H-3
Q236	H-3
Q237	G-3
Q238	G-3
Q239	G-4
Q240	G-2
Q241	G-3
Q242	G-3
Q243	E-6
Q261	F-1
Q262	G-1
Q263	F-2
Q265	F-2

UV BOARD IC VOLTAGE LIST

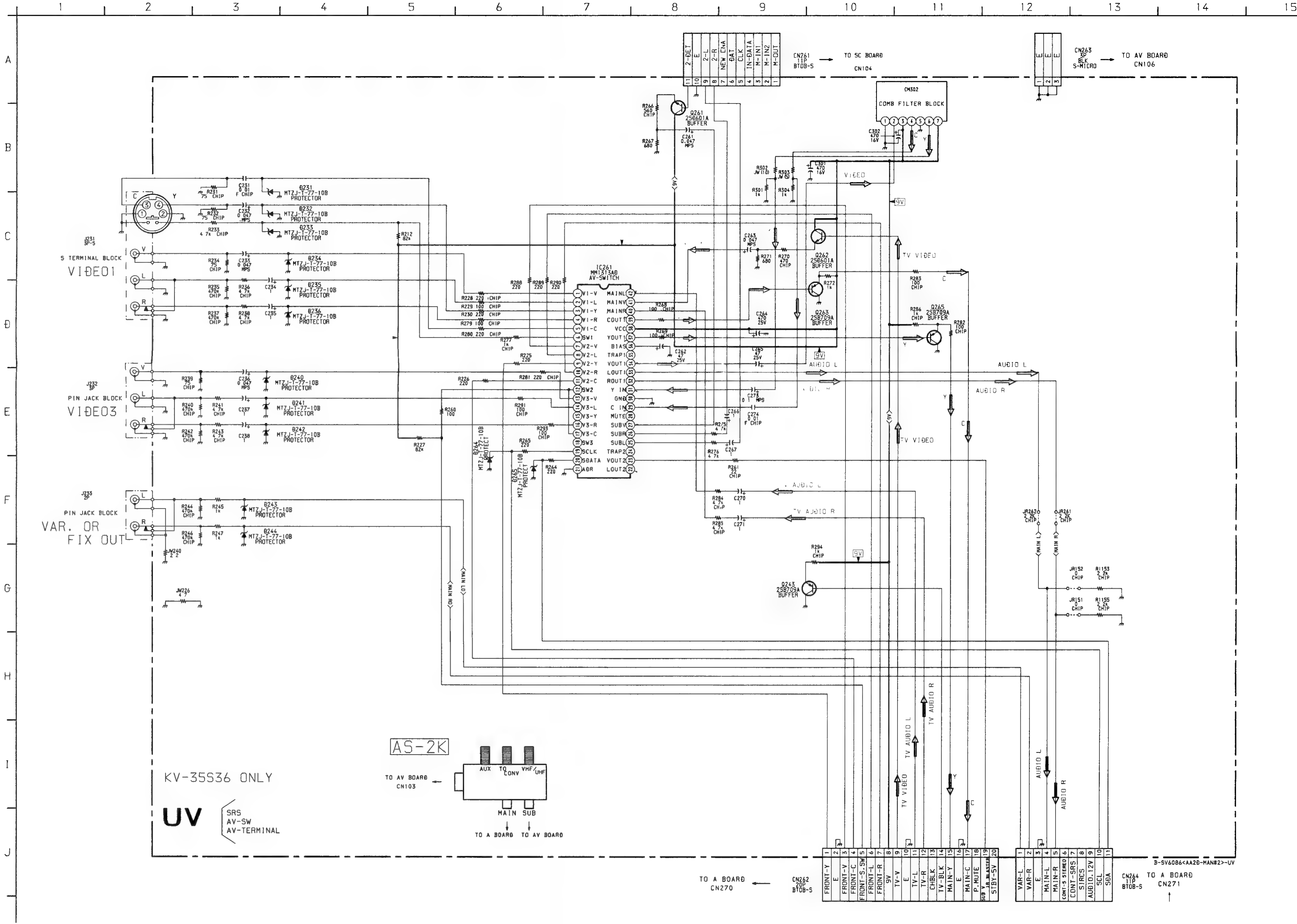
pin	volt
1	4.8
2	4.2
3	4.8
4	4.2
5	4.8
6	4.5
7	4.8
8	4.2
9	4.8
10	4.2
11	4.9
12	5.8
13	4.8
14	4.2
15	0
16	4.2
17	5.8
18	NC
19	5.0
20	4.9
21	GND
22	NC
23	6.7
24	NC
25	4.2
26	4.2
27	6.1
28	NC
29	4.8
30	GND
31	5.6
32	4.1
33	4.1
34	5.0
35	NC
36	4.2
37	4.3
38	8.7
39	3.4
40	4.2
41	5.2
42	4.2

All voltages are in V

UV BOARD TRANSISTOR VOLTAGE LIST

	B	C	E
Q243	0.2	GND	0.9
Q261	4.6	8.7	4.0
Q262	4.9	5.7	4.2
Q263	3.4	GND	4.1
Q265	4.3	GND	4.9

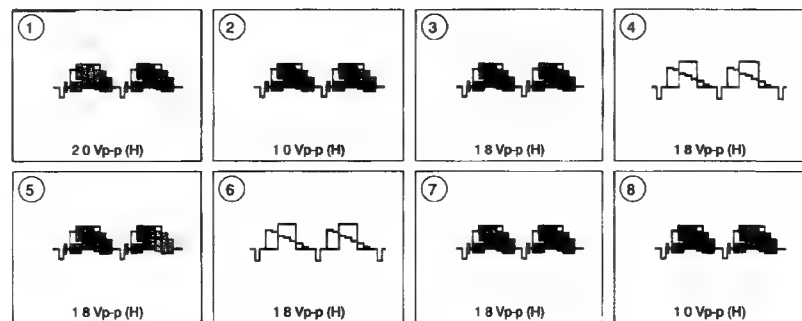
All voltages are in V



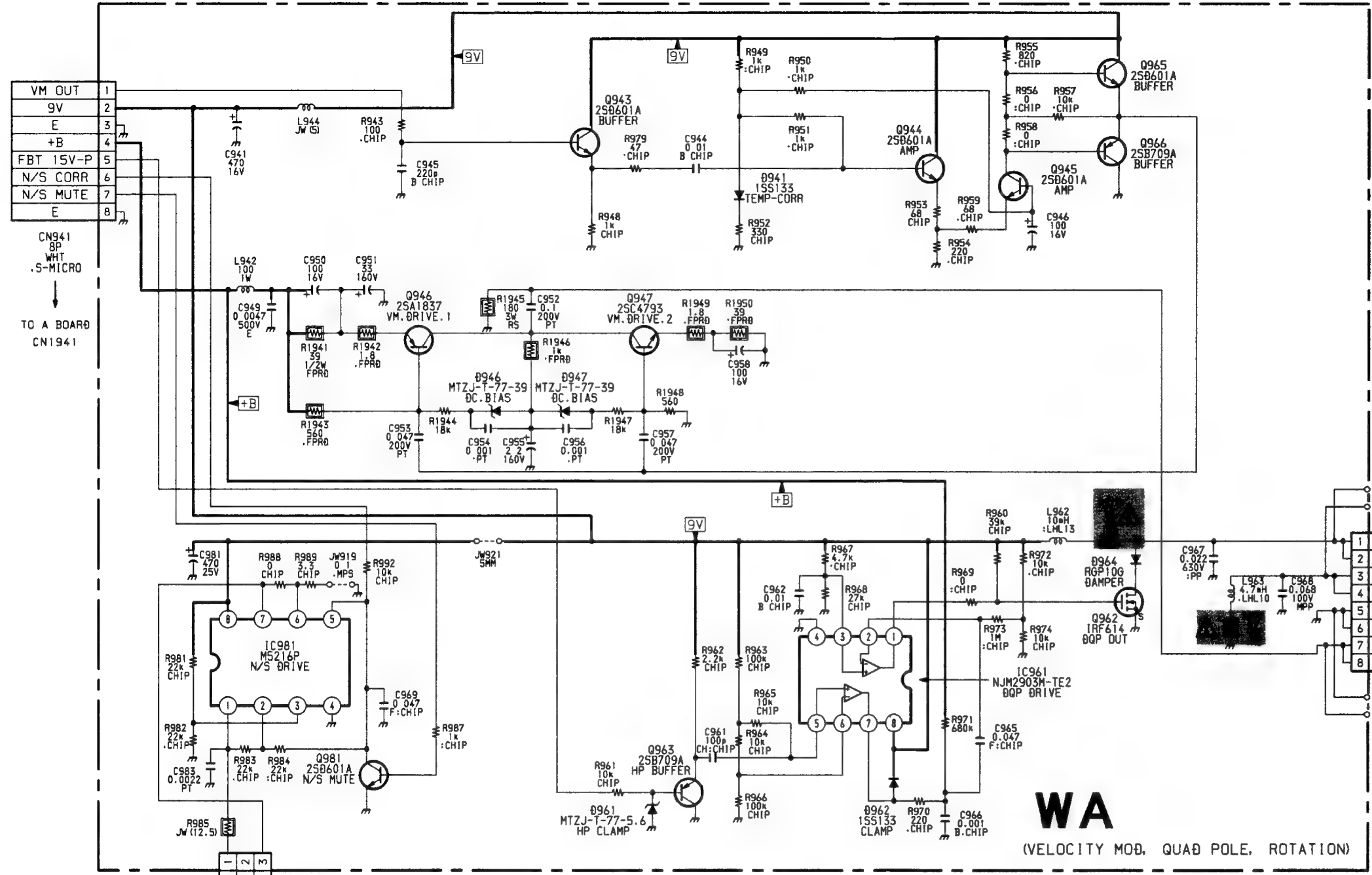
KV-35S36 ONLY

UV [SRS, AV-SW, AV-TERMINAL]

UV BOARD WAVEFORMS



A
B
C
D
E
F



WA
(VELOCITY MOD, QUAD POLE, ROTATION)

B-SV6086<AA20-MAN#1>-WA.

WA BOARD IC VOLTAGE LIST

IC	pin	volt	IC	pin	volt
IC961	1	4.3	IC981	1	4.8
	2	4.1		2	4.5
	3	7.5		3	4.4
	4	GND		4	GND
	5	4.6		5	4.1
	6	4.2		6	4.1
	7	4.4		7	4.1
	8	8.7		8	8.7

All voltages are in V

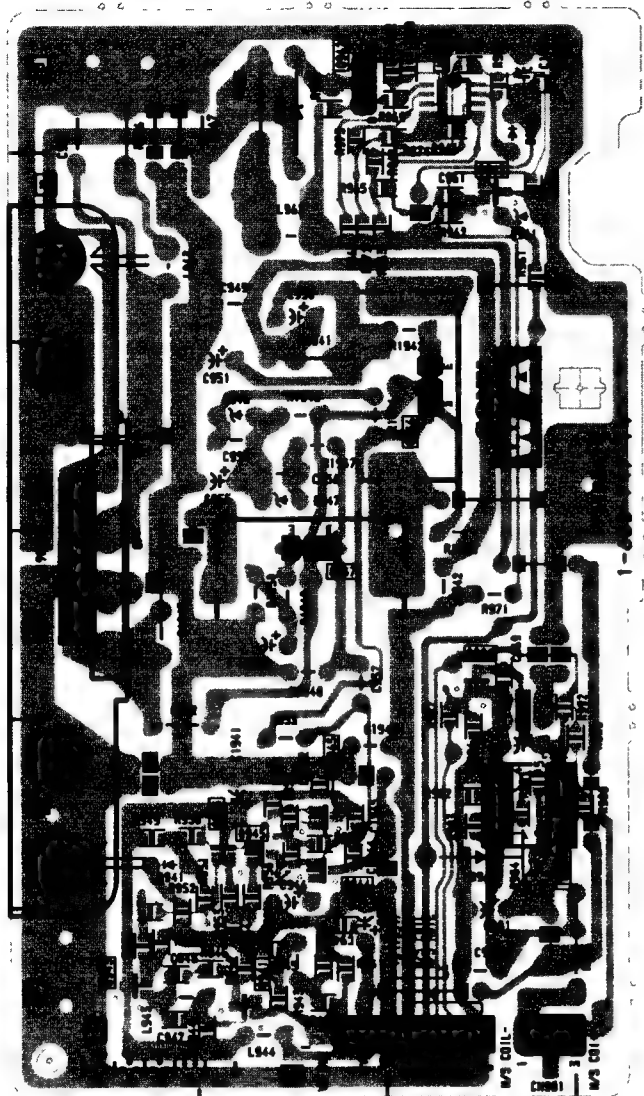
WA BOARD TRANSISTOR VOLTAGE LIST

	B	C	E
Q943	3	8.7	2.4
Q944	2.7	8.7	2.1
Q945	2.7	5.5	2.1
Q946	134	65.7	134.6
Q947	0.9	65.7	0.5
Q963	4.6	GND	5.3
Q965	5.5	8.7	5.5
Q966	5.5	GND	5.5
Q981	0	4.1	GND
	G	D	S
Q962	4.3	9.8	GND

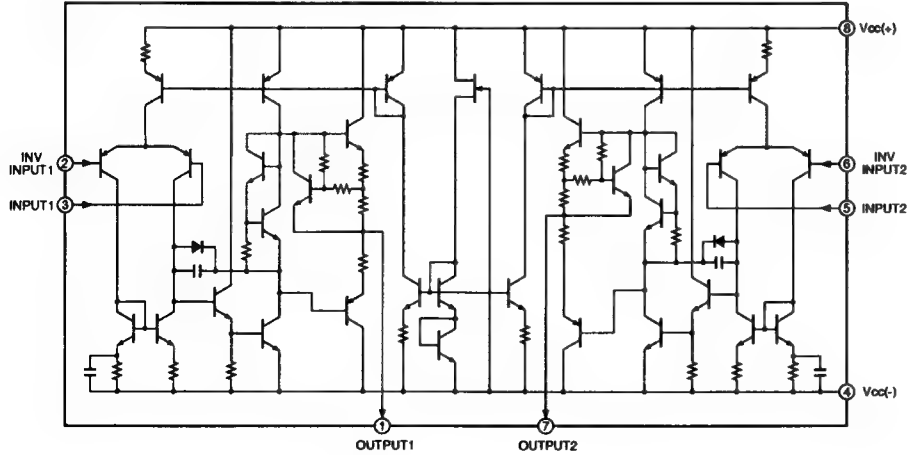
All voltages are in V

WA [VELOCITY MOD.,
QUAD POLE, ROTATION]

— WA BOARD —

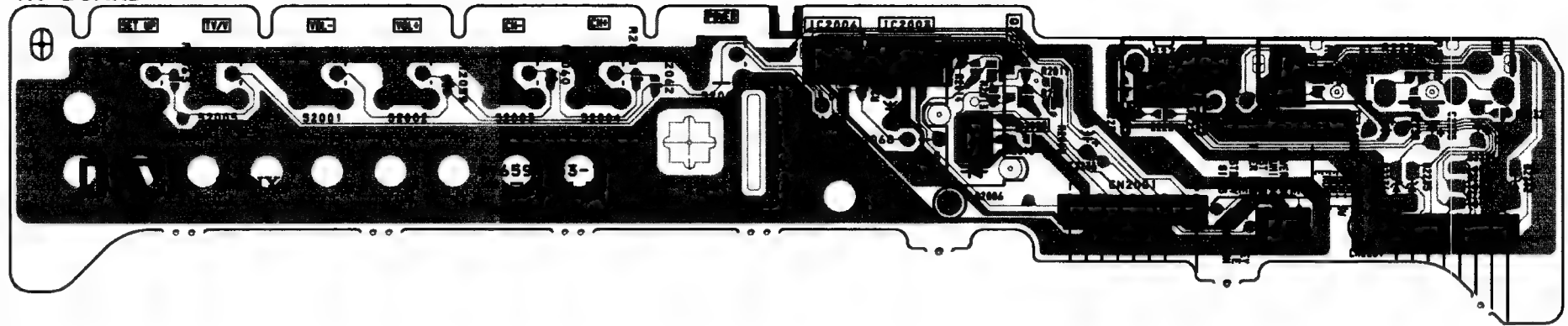


WA BOARD: IC981 M5216P



HV [MICON-CTL.]

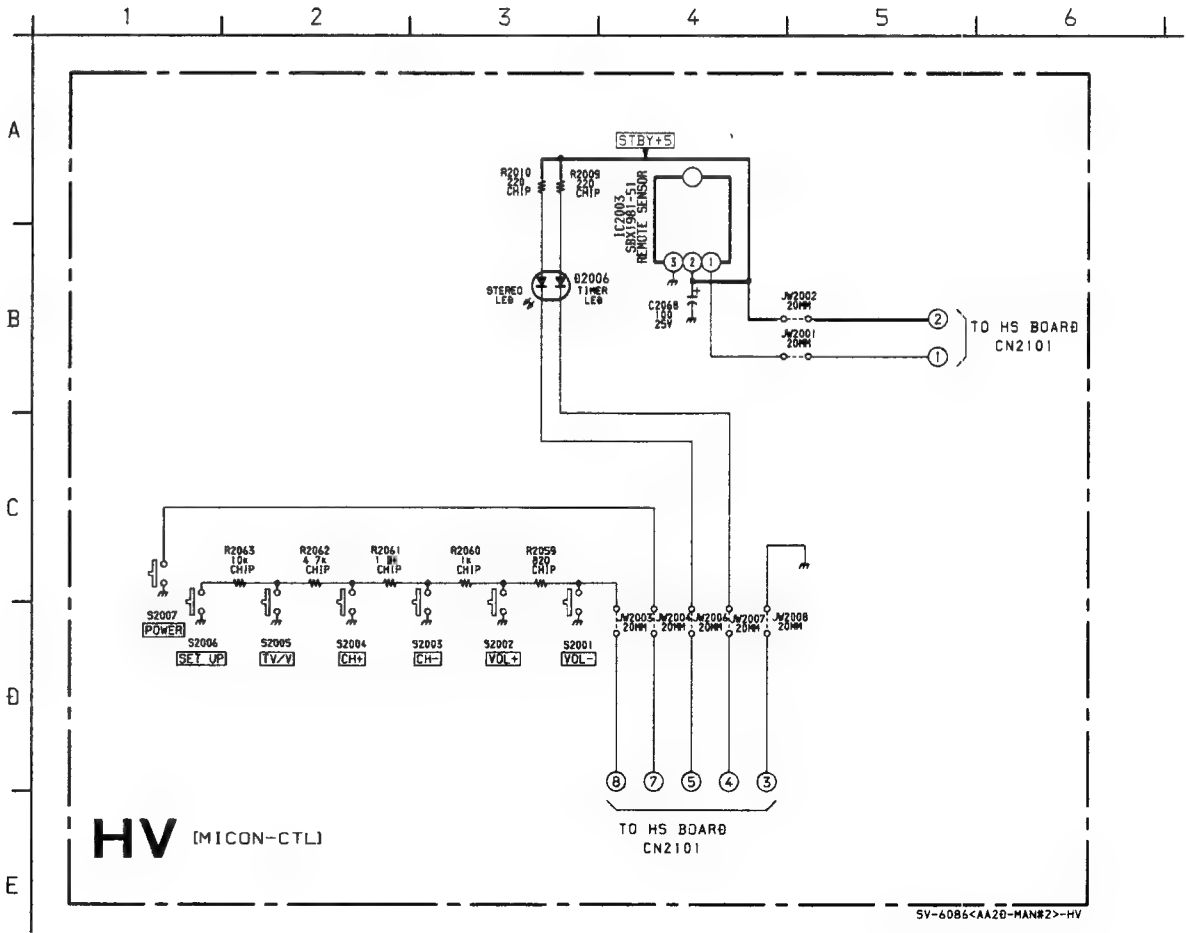
— HV BOARD —

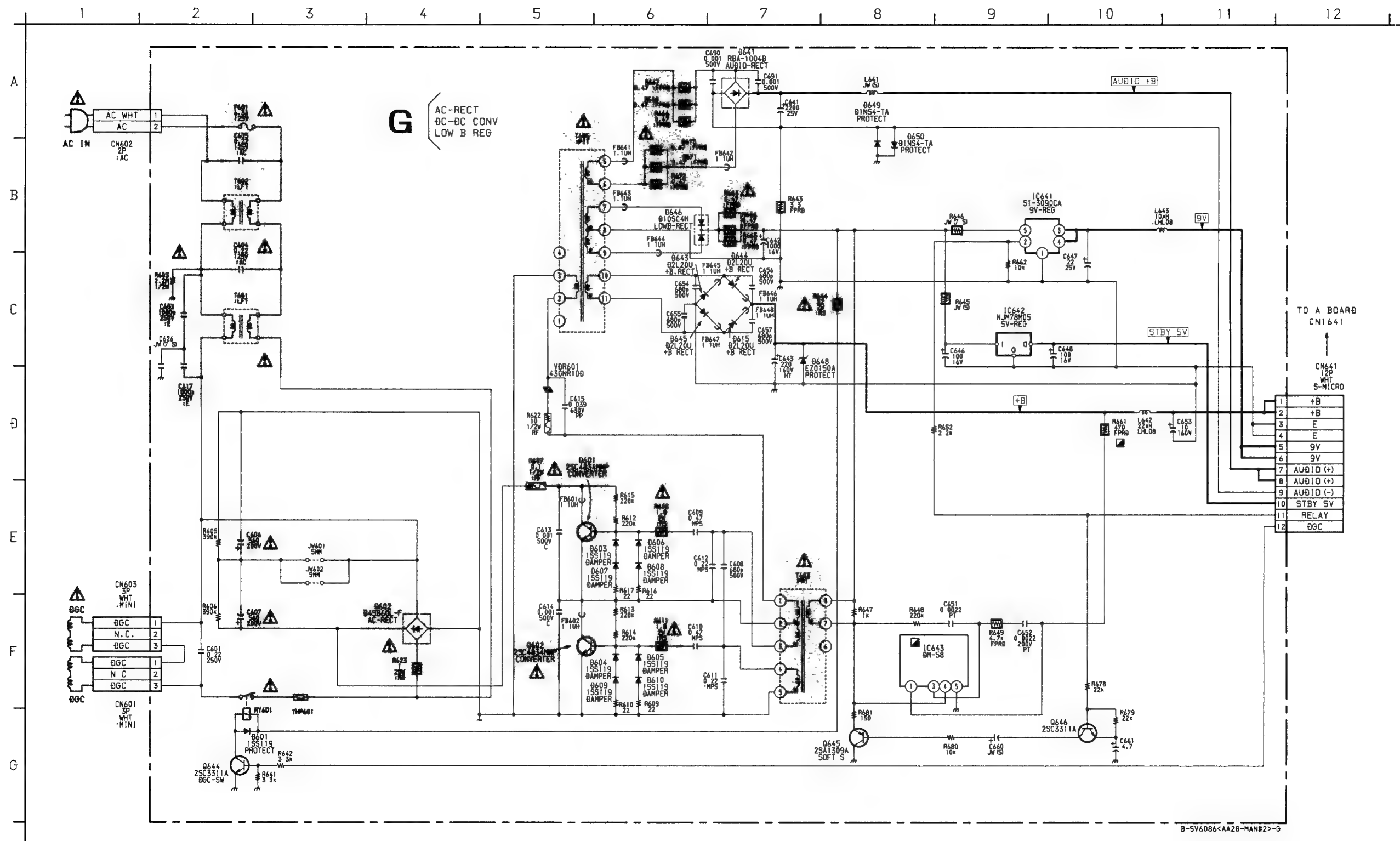


HV BOARD IC VOLTAGE LIST

	pin	volt
IC2003	1	5.0
	2	5.0
	3	GND

All voltages are in V

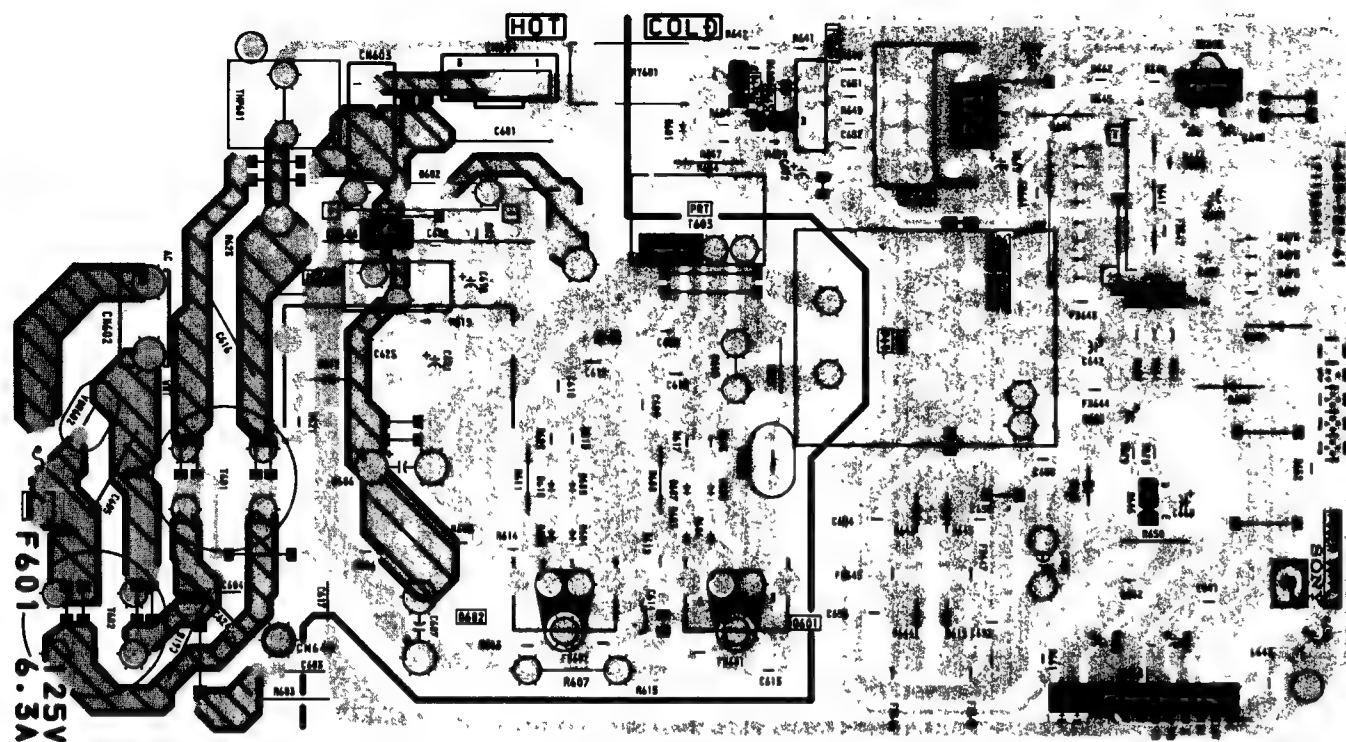




Schematic diagrams

← **WA** **HV** boards **C** **G** **HS** boards →

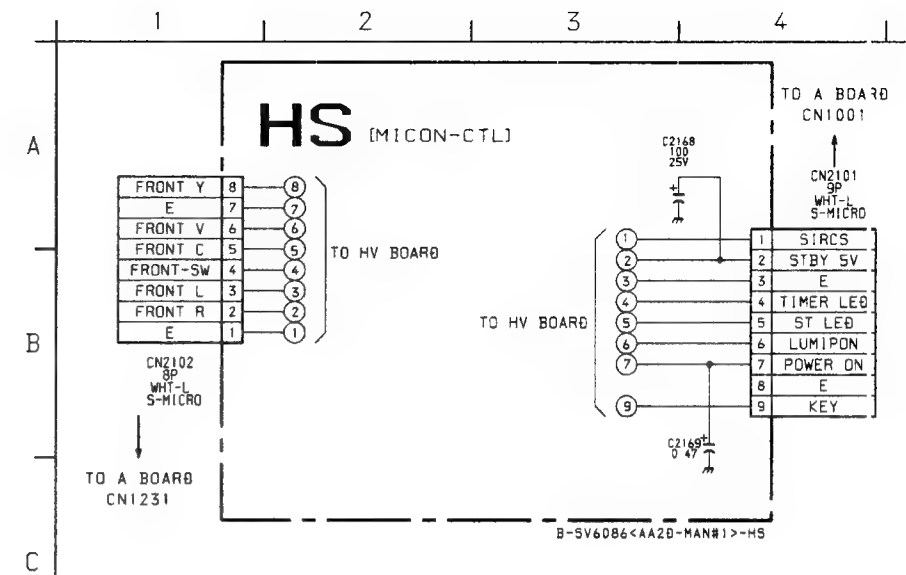
— G BOARD —



G BOARD TRANSISTOR VOLTAGE LIST

	B	C	E
Q601	145 2	294 0	147 5
Q602	-1 7	147 5	GND
Q644	0	10 5	GND
Q645	7 0	GND	7 2
Q646	4 7	7 0	4 7

All voltages are in V

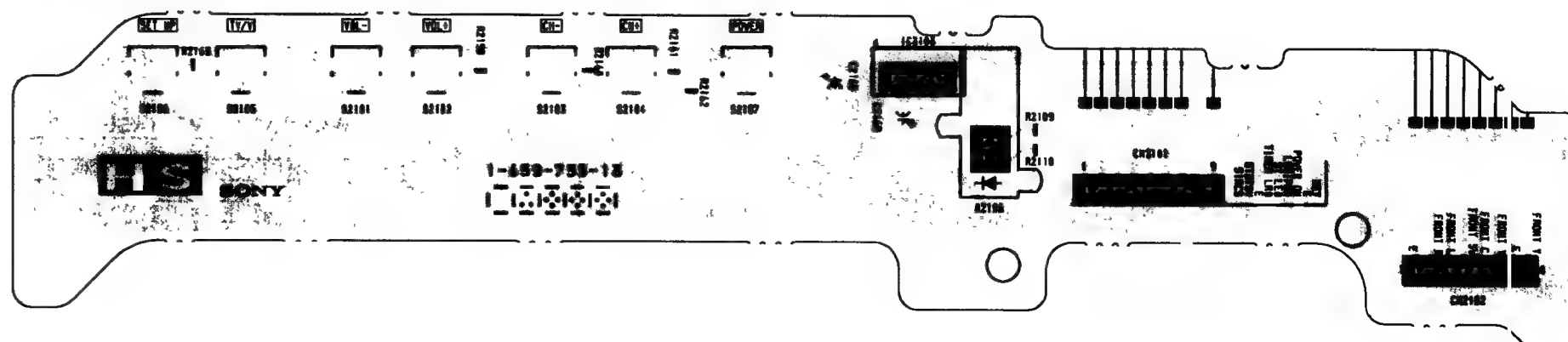


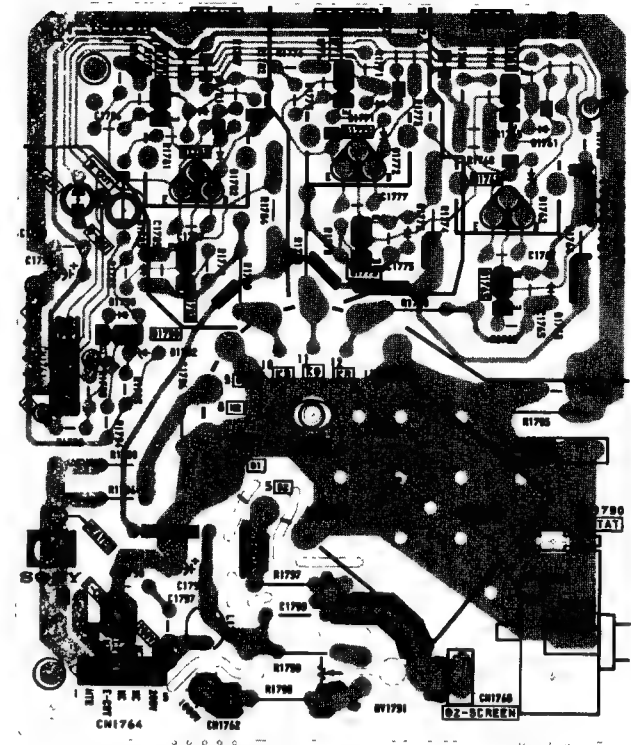
G BOARD IC VOLTAGE LIST

	pin	volt
IC641	1	GND
	2	3 9
	3	8 9
	4	8 9
	5	10 5
IC642	IN	9 5
	OUT	5 0
IC643	1	135
	2	NC
	3	2 5
	4	7 8
	5	GND

All voltages are in V

— HS BOARD —



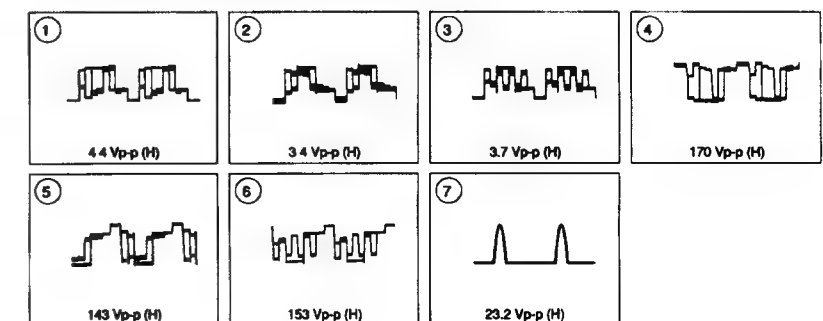


C BOARD TRANSISTOR VOLTAGE LIST

	B	C	E
Q1761	2.2	8.2	1.7
Q1762	8.7	134.1	8.2
Q1763	134.1	2.3	132.0
Q1771	1.8	8.2	1.3
Q1772	8.7	146.4	8.2
Q1773	146.4	2.3	144.1
Q1781	2.1	8.2	1.6
Q1782	8.7	133.7	8.2
Q1783	133.7	2.3	131.5
Q1790	2.2	0.2	2.5

All voltages are in V

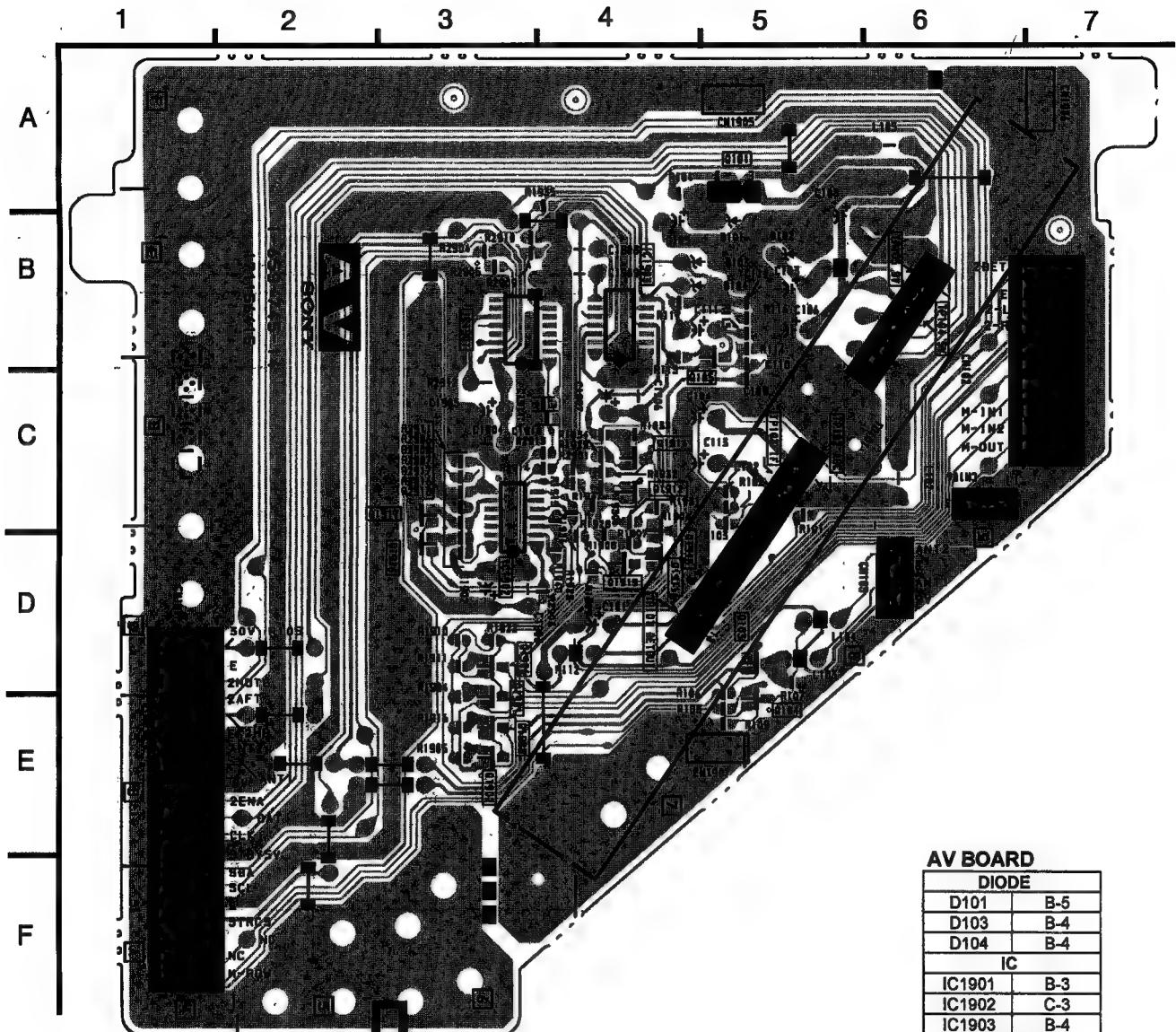
C BOARD WAVEFORMS





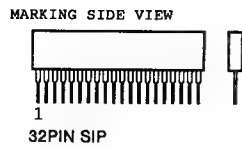
[2ND-TUNER, S-LINK]
(KV-35S36 ONLY)

— AV BOARD —



4-4. SEMICONDUCTORS

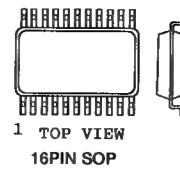
BH3856FS-E2



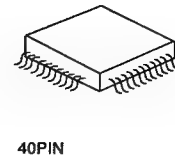
CD4052BCN



CXA1315M



CXA-2019Q-T4



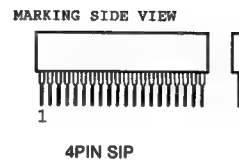
CXA2025AS



CXP85640-002S



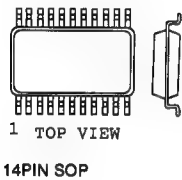
DM-58



IS474



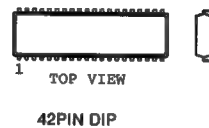
LM2901M



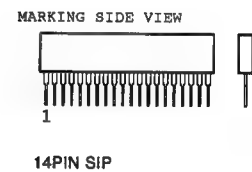
M5216P



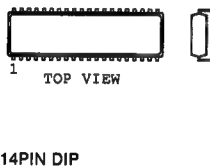
MM1313AD



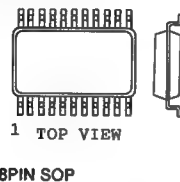
NJM2129M-TE2



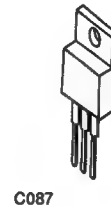
NJM2902M



NJM2903M
NJM2904M
ST24CO2FM6TR
UPC4558G2



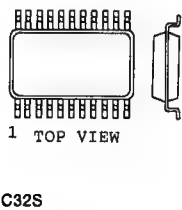
NJM78M05FA
TA7805S



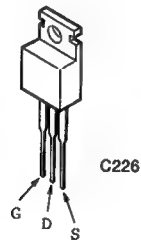
SBX1790-51



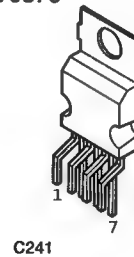
SDA9288X



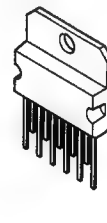
IRF614



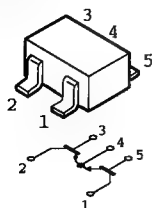
STV9379



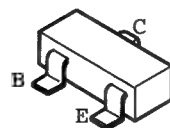
TDA2009A



FMGAT148
2SC5418



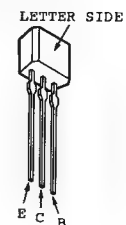
2SA1037AK-T146-R
2SA1162-G
2SA1130-06
2SD601A-Q



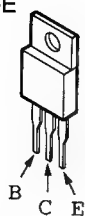
2SA1091-0



2SA1175-HFE
2SC2785-HFE

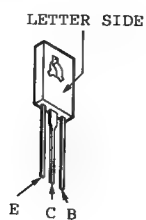


2SA1837
2SC4159-E

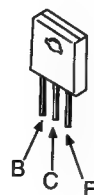


T046

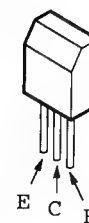
2SC2611



2SC4834M



2SC3209LK



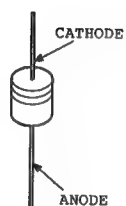
T075

D10SC4M



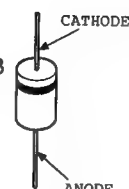
D216

D1NS4
MTZJ-3.3
MTZJ-33A
MTZJ-6.2B
MTZJ-7.5B
RD10ESB2
RD39ES-B2
RD5.6ESB2
1SS19-25



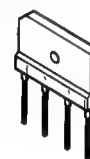
D026

D2L20U
EL1Z
EZ0150AV1
GP08D
MTZJ-T-77-3.9
RGP02-17EL-6433



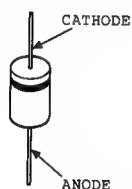
D032

D4SB60L
RBA-1004B



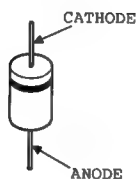
D029

ERC06-15S
ISSI33T-77



D030

ERD29-08J



D095

SECTION 5 EXPLODED VIEWS

- Items with no part number and no description are not stocked because they are seldom required for routine service.
- The component parts of an assembly are indicated by the reference numbers in the remarks column

- Items marked " * " are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.

Note:

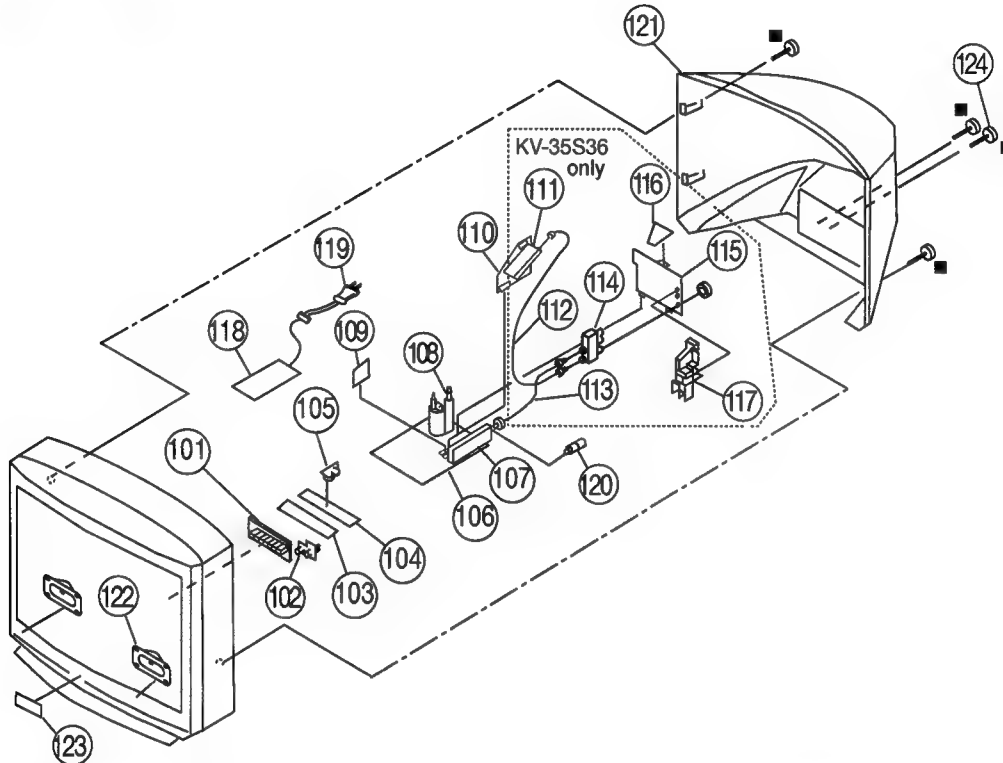
The components identified by shading and mark Δ are critical for safety. Replace only with part number specified.

Note:

Les composants identifiés par un trame et une marque Δ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

5-1. CHASSIS

■ 7-685-663-79 SCREW +BVTP 4X16



REF.NO.	PART NO.	DESCRIPTION	REMARK
101	4-058-053-01	BUTTON, MULTI	
102	4-058-054-01	BAR, OPTICAL	
103	* A-1372-319-A	HV BOARD, COMPLETE	
104	* A-1372-326-A	HS BOARD	
105	* 3-696-606-02	HINGE, VI	
106	* A-1298-075-A	A BOARD, COMPLETE (KV-35S26/37RS26)	
106	* A-1298-087-A	A BOARD, COMPLETE (KV-35S36)	
107	Δ 8-598-340-00	TUNER BTF-WA404	
108	Δ 1-453-126-11	TRANSFORMER ASSY, FLYBACK (NX-3000A3)	
109	* A-1195-103-A	P BOARD, COMPLETE	
110	* A-1293-129-A	AV BOARD, COMPLETE (KV-35S36)	
111	Δ 8-598-339-00	TUNER BTF-LA402 (KV-35S36)	

REF.NO.	PART NO.	DESCRIPTION	REMARK
112	* 1-557-056-31	CABLE, P-P (KV-35S36)	
113	* 1-556-945-21	CABLE, P-P (KV-35S36)	
114	8-598-414-00	SWITCH, ANTENNA AS-2F (KV-35S36)	
115	* A-1394-862-A	UV BOARD, COMPLETE (KV-35S36)	
116	* A-1390-585-A	SC BOARD, COMPLETE (KV-35S36)	
117	* 4-052-905-01	BRACKET, V5/6 (KV-35S36)	
118	* A-1316-262-A	G BOARD, COMPLETE	
119	Δ 1-751-059-11	CORD POWER (WITH CONNECTOR)	
120	1-766-374-11	PLUG, F-PIN (KV-35S26/37RS26)	
121	4-058-052-11	COVER, REAR	
122	1-504-531-11	SPEAKER (13.1 X 6.2CM)	
123	4-046-160-01	EMBLEM (NO.9), SONY	
124	4-388-477-01	SCREW (3X16) TAPPING, +BV	

5-2. PICTURE TUBE

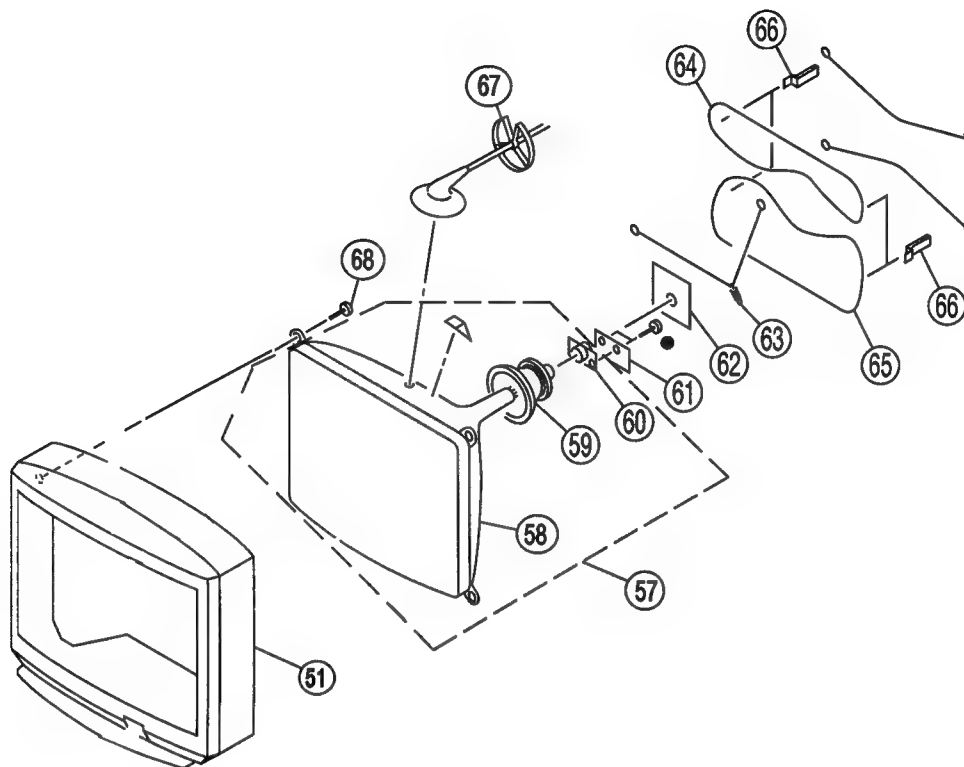
●: 7-685-648-79 +BVTP 3X12

Note:

The components identified by shading and mark Δ are critical for safety. Replace only with part number specified.

Note:

Les composants identifiés par un trame et une marque Δ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.



REF.NO.	PART NO.	DESCRIPTION	REMARK
51	X-4034-606-2	BEZNET ASSY (KV-35S36)	
51	X-4034-607-2	BEZNET ASSY (KV-35S26/37RS26)	
57 Δ	8-733-760-71	ITC 37GX-A1	58-60
58 Δ	8-733-760-05	CRT 37GX (A89LJT80X)	
59 Δ	8-451-480-11	DEFLECTION YOKE Y37GXA-X	
60 Δ	8-453-007-11	NA324-M	
61 *	A-1372-211-A	WA BOARD, COMPLETE	
62 *	A-1331-522-A	C BOARD, COMPLETE	
63	4-036-329-01	SPRING (B), TENSION	
64	1-411-881-11	COIL, DEMAGNETIC	
65	1-411-882-11	COIL DEMAGNETIC	
66 *	4-052-900-01	HOLDER, DGC	
67	3-704-372-31	HOLDER, HV CABLE	
68	4-046-765-01	SCREW, TAPPING	



SECTION 6

ELECTRICAL PARTS LIST

Note:

The components identified by shading and mark **Δ** are critical for safety. Replace only with part number specified.

Note:

Les composants identifiés par un trame et une marque **Δ** sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

The components identified by ☒ in this manual have been carefully factory-selected for each set in order to satisfy regulations regarding X-ray radiation. Should replacement be required, replace only with the value originally used.

- Items marked "★" are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.

- All variable and adjustable resistors have characteristic curve B, unless otherwise noted.

RESISTORS

- All resistors are in ohms
- F : nonflammable

CAPACITORS

- MF : μ F

INDUCTORS

- UH : μ H

When indicating parts by reference number, please include the board name.

REF.NO.	PART NO.	DESCRIPTION	REMARK	REF.NO.	PART NO.	DESCRIPTION	REMARK
<div><div>P</div></div>							
*	A-1195-103-A P BOARD, COMPLETE						
<u>CAPACITOR</u>							
C3301	1-163-017-00	CERAMIC CHIP	0.0047MF 10% 50V	C3346	1-163-251-11	CERAMIC CHIP	100PF 5% 50V
C3302	1-164-346-11	CERAMIC CHIP	1MF 16V	C3347	1-126-960-11	ELECT	1MF 20% 50V
C3303	1-163-038-91	CERAMIC CHIP	0.1MF 25V	C3348	1-126-967-11	ELECT	47MF 20% 16V
C3304	1-126-960-11	ELECT	1MF 20% 50V	C3349	1-163-121-00	CERAMIC CHIP	150PF 5% 50V
C3305	1-163-038-91	CERAMIC CHIP	0.1MF 25V	C3350	1-164-004-11	CERAMIC CHIP	0.1MF 10% 25V
C3306	1-126-967-11	ELECT	47MF 20% 16V	C3351	1-163-251-11	CERAMIC CHIP	100PF 5% 50V
C3307	1-163-038-91	CERAMIC CHIP	0.1MF 25V	<u>CONNECTOR</u>			
C3308	1-163-231-11	CERAMIC CHIP	15PF 5% 50V	CN3301*	1-764-816-11	CONNECTOR, BOARD TO BOARD 20P	
C3309	1-163-017-00	CERAMIC CHIP	0.0047MF 10% 50V	<u>IC</u>			
C3310	1-164-004-11	CERAMIC CHIP	0.1MF 10% 25V	IC3301	8-759-366-24	IC TDA8315T/N3A-T	
C3313	1-163-038-91	CERAMIC CHIP	0.1MF 25V	IC3302	8-759-231-53	IC TA7805S	
C3314	1-163-038-91	CERAMIC CHIP	0.1MF 25V	IC3303	8-759-438-61	IC SDA9288X-A141	
C3315	1-164-346-11	CERAMIC CHIP	1MF 16V	<u>COIL</u>			
C3319	1-163-031-11	CERAMIC CHIP	0.01MF 50V	L3301	1-408-413-00	INDUCTOR	22UH
C3320	1-126-960-11	ELECT	1MF 20% 50V	L3302	1-410-473-11	INDUCTOR	18UH
C3321	1-163-239-11	CERAMIC CHIP	33PF 5% 50V	L3303	1-408-418-00	INDUCTOR	56UH
C3322	1-163-239-11	CERAMIC CHIP	33PF 5% 50V	<u>TRANSISTOR</u>			
C3323	1-163-031-11	CERAMIC CHIP	0.01MF 50V	Q3301	8-729-422-27	TRANSISTOR 2SD601A-Q	
C3324	1-126-967-11	ELECT	47MF 20% 16V	Q3305	8-729-216-22	TRANSISTOR 2SA1162-G	
C3325	1-163-038-91	CERAMIC CHIP	0.1MF 25V	Q3306	8-729-216-22	TRANSISTOR 2SA1162-G	
C3326	1-163-038-91	CERAMIC CHIP	0.1MF 25V	Q3307	8-729-216-22	TRANSISTOR 2SA1162-G	
C3327	1-163-038-91	CERAMIC CHIP	0.1MF 25V	Q3308	8-729-422-27	TRANSISTOR 2SD601A-Q	
C3328	1-126-967-11	ELECT	47MF 20% 16V	Q3310	8-729-422-27	TRANSISTOR 2SD601A-Q	
C3329	1-126-967-11	ELECT	47MF 20% 16V	Q3312	8-729-216-22	TRANSISTOR 2SA1162-G	
C3330	1-163-031-11	CERAMIC CHIP	0.01MF 50V	Q3313	8-729-422-27	TRANSISTOR 2SD601A-Q	
C3331	1-126-967-11	ELECT	47MF 20% 16V	<u>RESISTOR</u>			
C3332	1-104-664-11	ELECT	47MF 20% 25V	R3301	1-216-075-00	METAL GLAZE	12K 5% 1/10W
C3333	1-164-695-11	CERAMIC CHIP	0.0022MF 5% 50V	R3302	1-216-043-91	METAL GLAZE	560 5% 1/10W
C3334	1-163-031-11	CERAMIC CHIP	0.01MF 50V	R3303	1-216-295-91	CONDUCTOR, CHIP (2012)	
C3335	1-163-038-91	CERAMIC CHIP	0.1MF 25V	R3304	1-216-043-91	METAL GLAZE	560 5% 1/10W
C3336	1-163-038-91	CERAMIC CHIP	0.1MF 25V	R3306	1-215-882-00	METAL OXIDE	22 5% 2W
C3337	1-164-005-11	CERAMIC CHIP	0.47MF 25V	R3307	1-216-097-91	METAL GLAZE	100K 5% 1/10W
C3338	1-163-141-00	CERAMIC CHIP	0.001MF 5% 50V	R3308	1-216-051-00	METAL GLAZE	1.2K 5% 1/10W
C3340	1-163-031-11	CERAMIC CHIP	0.01MF 50V	R3309	1-216-051-00	METAL GLAZE	1.2K 5% 1/10W
				R3310	1-216-689-11	METAL GLAZE	39K 5% 1/10W



Note: The components identified by shading and mark Δ are critical for safety. Replace only with part number specified.

Note: Les composants identifiés par un trame et une marque Δ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

REF.NO.	PART NO.	DESCRIPTION	REMARK
R3311	1-216-689-11	METAL GLAZE	39K 5% 1/10W
R3312	1-216-037-00	METAL GLAZE	330 5% 1/10W
R3313	1-216-041-00	METAL GLAZE	470 5% 1/10W
R3314	1-216-041-00	METAL GLAZE	470 5% 1/10W
R3315	1-216-041-00	METAL GLAZE	470 5% 1/10W
R3316	1-216-053-00	METAL GLAZE	1.5K 5% 1/10W
R3319	1-216-053-00	METAL GLAZE	1.5K 5% 1/10W
R3321	1-216-053-00	METAL GLAZE	1.5K 5% 1/10W
R3322	1-216-065-00	METAL GLAZE	4.7K 5% 1/10W
R3323	1-216-065-00	METAL GLAZE	4.7K 5% 1/10W
R3324	1-216-065-00	METAL GLAZE	4.7K 5% 1/10W
R3326	1-216-037-00	METAL GLAZE	330 5% 1/10W
R3327	1-216-031-00	METAL GLAZE	180 5% 1/10W
R3328	1-216-037-00	METAL GLAZE	330 5% 1/10W
R3329	1-216-069-00	METAL GLAZE	6.8K 5% 1/10W
R3330	1-216-035-00	METAL GLAZE	270 5% 1/10W
R3331	1-216-073-00	METAL GLAZE	10K 5% 1/10W
R3332	1-216-041-00	METAL GLAZE	470 5% 1/10W
R3337	1-216-033-00	METAL GLAZE	220 5% 1/10W
R3338	1-216-033-00	METAL GLAZE	220 5% 1/10W
R3339	1-216-041-00	METAL GLAZE	470 5% 1/10W
R3340	1-216-041-00	METAL GLAZE	470 5% 1/10W
R3341	1-216-057-00	METAL GLAZE	2.2K 5% 1/10W
R3342	1-216-057-00	METAL GLAZE	2.2K 5% 1/10W
R3343	1-216-049-91	METAL GLAZE	1K 5% 1/10W
R3346	1-216-049-91	METAL GLAZE	1K 5% 1/10W
R3351	1-216-295-91	CONDUCTOR, CHIP (2012)	
R3352	1-216-049-91	METAL GLAZE	1K 5% 1/10W
R3358	1-216-047-91	METAL GLAZE	820 5% 1/10W
R3359	1-216-047-91	METAL GLAZE	820 5% 1/10W
R3360	1-216-053-00	METAL GLAZE	1.5K 5% 1/10W
R3361	1-216-053-00	METAL GLAZE	1.5K 5% 1/10W
R3362	1-216-029-00	METAL GLAZE	150 5% 1/10W
R3363	1-216-031-00	METAL GLAZE	180 5% 1/10W
R3364	1-216-035-00	METAL GLAZE	270 5% 1/10W
R3365	1-216-105-91	METAL GLAZE	220K 5% 1/10W
R3366	1-216-105-91	METAL GLAZE	220K 5% 1/10W
R3367	1-216-095-00	METAL GLAZE	82K 5% 1/10W
R3368	1-216-103-00	METAL GLAZE	180K 5% 1/10W
R3369	1-216-101-00	METAL GLAZE	150K 5% 1/10W
R3370	1-216-041-00	METAL GLAZE	470 5% 1/10W
R3371	1-216-095-00	METAL GLAZE	82K 5% 1/10W
R3372	1-216-041-00	METAL GLAZE	470 5% 1/10W
R3373	1-216-035-00	METAL GLAZE	270 5% 1/10W

CRYSTAL

X3301	1-567-505-11	OSCILLATOR, CRYSTAL
X3302	1-760-095-21	VIBRATOR, CRYSTAL

REF.NO. PART NO. DESCRIPTION REMARK

AV

* A-1297-905-A AV BOARD, COMPLETE (KV-35S36 only)

CAPACITOR

C101	1-126-960-11	ELECT	1MF	20%	50V
C102	1-164-161-11	CERAMIC CHIP	0.0022MF	10%	50V
C104	1-126-964-11	ELECT	10MF	20%	50V
C106	1-104-664-11	ELECT	47MF	20%	25V
C108	1-126-933-11	ELECT	100MF	20%	16V
C109	1-163-259-91	CERAMIC CHIP	220PF	5%	50V
C110	1-104-760-11	CERAMIC CHIP	0.047MF	10%	50V
C111	1-126-960-11	ELECT	1MF	20%	50V
C113	1-126-934-11	ELECT	220MF	20%	16V

CONNECTOR

CN101	1-573-301-21	CONNECTOR, BOARD TO BOARD 20P
CN102	1-573-979-21	CONNECTOR, BOARD TO BOARD 11P
CN103 *	1-564-507-11	PLUG, CONNECTOR 4P
CN106 *	1-564-506-11	PLUG, CONNECTOR 3P

DIODE

D101	8-719-109-89	DIODE RD5.6ESB2
D103	8-719-991-33	DIODE 1SS133T-77
D104	8-719-991-33	DIODE 1SS133T-77

COIL

L102	1-410-470-11	INDUCTOR	10UH
L105	1-408-421-00	INDUCTOR	100UH

TRANSISTOR

Q101	8-729-119-78	TRANSISTOR 2SC2785-HFE
Q103	8-729-216-22	TRANSISTOR 2SA1162-G
Q104	8-729-216-22	TRANSISTOR 2SA1162-G
Q105	8-729-216-22	TRANSISTOR 2SA1162-G

RESISTOR

R101	1-216-065-00	METAL GLAZE	4.7K	5%	1/10W
R102	1-216-083-00	METAL GLAZE	27K	5%	1/10W
R103	1-216-689-11	METAL GLAZE	39K	5%	1/10W
R104	1-216-045-00	METAL GLAZE	680	5%	1/10W
R106	1-216-081-00	METAL GLAZE	22K	5%	1/10W
R107	1-216-081-00	METAL GLAZE	22K	5%	1/10W
R108	1-216-081-00	METAL GLAZE	22K	5%	1/10W
R109	1-216-081-00	METAL GLAZE	22K	5%	1/10W
R112	1-249-421-11	CARBON	2.2K	5%	1/4W
R113	1-216-097-91	METAL GLAZE	100K	5%	1/10W

Note:

The components identified by shading and mark Δ are critical for safety. Replace only with part number specified.

Note:

Les composants identifiés par un trame et une marque Δ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

AV

A

REF.NO.	PART NO.	DESCRIPTION	REMARK		
R114	1-216-121-91	METAL GLAZE	1M	5%	1/10W
R115	1-216-073-00	METAL GLAZE	10K	5%	1/10W
R116	1-216-073-00	METAL GLAZE	10K	5%	1/10W
R117	1-216-065-00	METAL GLAZE	4.7K	5%	1/10W

TUNERTU101 Δ 8-598-339-00 TUNER BTF-LA402

A

- * A-1298-075-A A BOARD, COMPLETE (KV-35S26/37RS26)
- * A-1298-087-A A BOARD, COMPLETE (KV-35S36)
- * 4-051-927-01 CASE, SHIELD
- 4-382-854-11 SCREW (M3X10), P, SW (+)

CAPACITOR

C001	1-163-259-91	CERAMIC CHIP	220PF	5%	50V
C003	1-104-760-11	CERAMIC CHIP	0.047MF	10%	50V
C005	1-126-960-11	ELECT	1MF	20%	50V
C009	1-126-967-11	ELECT	47MF	20%	50V
C010	1-163-033-91	CERAMIC CHIP	0.022MF		50V
C012	1-216-033-00	METAL GLAZE	220	5%	1/10W
C013	1-216-121-91	METAL GLAZE	1M	5%	1/10W
C014	1-164-161-11	CERAMIC CHIP	0.0022MF	10%	50V
C023	1-163-259-91	CERAMIC CHIP	220PF	5%	50V
C028	1-163-227-11	CERAMIC CHIP	10PF	0.5PF	50V
C029	1-163-227-11	CERAMIC CHIP	10PF	0.5PF	50V
C030	1-163-009-11	CERAMIC CHIP	0.001MF	10%	50V
C035	1-163-237-11	CERAMIC CHIP	27PF	5%	50V
C036	1-163-231-11	CERAMIC CHIP	15PF	5%	50V
C037	1-163-243-11	CERAMIC CHIP	47PF	5%	50V
C038	1-163-243-11	CERAMIC CHIP	47PF	5%	50V
C039	1-163-243-11	CERAMIC CHIP	47PF	5%	50V
C040	1-163-243-11	CERAMIC CHIP	47PF	5%	50V
C051	1-164-161-11	CERAMIC CHIP	0.0022MF	10%	50V
C053	1-164-232-11	CERAMIC CHIP	0.01MF	10%	50V
C056	1-163-243-11	CERAMIC CHIP	47PF	5%	50V
C061	1-163-033-91	CERAMIC CHIP	0.022MF		50V
C062	1-163-033-91	CERAMIC CHIP	0.022MF		50V
C063	1-126-935-11	ELECT	470MF	20%	16V
C071	1-164-096-11	CERAMIC	0.01MF		50V
C072	1-164-161-11	CERAMIC CHIP	0.0022MF	10%	50V
C075	1-107-823-11	CERAMIC CHIP	0.47MF	10%	16V
C353	1-163-231-11	CERAMIC CHIP	15PF	5%	50V
C354	1-163-133-00	CERAMIC CHIP	470PF	5%	50V
C355	1-126-959-11	ELECT	0.47MF	20%	50V
C356	1-126-963-11	ELECT	4.7MF	20%	50V
C357	1-126-959-11	ELECT	0.47MF	20%	50V

REF.NO.	PART NO.	DESCRIPTION	REMARK		
C358	1-164-232-11	CERAMIC CHIP	0.01MF	10%	50V
C359	1-126-933-11	ELECT	100MF	20%	16V
C363	1-164-232-11	CERAMIC CHIP	0.01MF	10%	50V
C364	1-164-232-11	CERAMIC CHIP	0.01MF	10%	50V
C365	1-164-232-11	CERAMIC CHIP	0.01MF	10%	50V
C366	1-137-399-11	FILM	0.1MF	5%	50V
C367	1-137-399-11	FILM	0.1MF	5%	50V
C368	1-137-399-11	FILM	0.1MF	5%	50V
C369	1-163-243-11	CERAMIC CHIP	47PF	5%	50V
C370	1-163-037-11	CERAMIC CHIP	0.022MF	10%	50V
C371	1-163-141-00	CERAMIC CHIP	0.001MF	5%	50V
C372	1-126-959-11	ELECT	0.47MF	20%	50V
C373	1-126-960-11	ELECT	1MF	20%	50V
C376	1-126-964-11	ELECT	10MF	20%	50V
C377	1-137-399-11	FILM	0.1MF	5%	50V
C378	1-136-244-11	FILM	0.1MF	5%	50V
C379	1-164-232-11	CERAMIC CHIP	0.01MF	10%	50V
C380	1-126-935-11	ELECT	470MF	20%	16V
C381	1-163-003-11	CERAMIC CHIP	330PF	10%	50V
C383	1-137-399-11	FILM	0.1MF	5%	50V
C385	1-164-182-11	CERAMIC CHIP	0.0033MF	10%	50V
C386	1-164-232-11	CERAMIC CHIP	0.01MF	10%	50V
C387	1-126-961-11	ELECT	2.2MF	20%	50V
C388	1-126-959-11	ELECT	0.47MF	20%	50V
C390	1-126-960-11	ELECT	1MF	20%	50V
C391	1-163-017-00	CERAMIC CHIP	0.0047MF	10%	50V
C392	1-163-251-11	CERAMIC CHIP	100PF	5%	50V
C461	1-126-964-11	ELECT	10MF	20%	50V
C462	1-126-961-11	ELECT	2.2MF	20%	50V
C463	1-126-961-11	ELECT	2.2MF	20%	50V
C466	1-104-666-11	ELECT	220MF	20%	25V
C468	1-104-664-11	ELECT	47MF	20%	25V
C470	1-126-961-11	ELECT	2.2MF	20%	50V
C471	1-104-666-11	ELECT	220MF	20%	25V
C472	1-136-173-00	FILM	0.47MF	5%	50V
C473	1-136-169-00	FILM	0.22MF	5%	50V
C474	1-126-942-61	ELECT	1000MF	20%	25V
C475	1-136-169-00	FILM	0.22MF	5%	50V
C476	1-126-942-61	ELECT	1000MF	20%	25V
C477	1-126-942-61	ELECT	1000MF	20%	25V
C478	1-126-965-11	ELECT	22MF	20%	50V
C479	1-126-961-11	ELECT	2.2MF	20%	50V
C501	1-102-110-00	CERAMIC	220PF	10%	50V
C502	1-126-959-11	ELECT	0.47MF	20%	50V
C503	1-163-003-11	CERAMIC CHIP	330PF	10%	50V
C504	1-102-212-00	CERAMIC	820PF	10%	500V
C505	1-102-002-00	CERAMIC	680PF	10%	500V
C506	1-106-383-00	MYLAR	0.047MF	10%	200V
C507 Δ	1-162-116-00	CERAMIC	680PF	10%	2KV

A

Note:

The components identified by shading and mark **A** are critical for safety. Replace only with part number specified.

Note:

Les composants identifiés par un trame et une marque **A** sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

REF.NO.	PART NO.	DESCRIPTION	REMARK
C508	1-102-244-00	CERAMIC	220PF 10% 500V
C509	1-162-116-00	CERAMIC	680PF 10% 2KV
C510	1-137-150-11	MYLAR	0.01MF 10% 100V
C511	A 1-115-460-11	FILM	0.022MF 3% 1.2KV
C513	A 1-129-720-00	FILM	0.033MF 5% 630V
(KV-35S26/37RS26 only)			
C514	A 1-136-540-11	FILM	0.82MF 5% 200V
C515	1-106-343-00	MYLAR	0.001MF 10% 100V
C516	1-115-461-11	FILM	2MF 5% 200V
C517	1-107-649-11	ELECT	2.2MF 20% 250V
C518	1-106-395-00	MYLAR	0.15MF 10% 200V
C519	1-162-815-11	CERAMIC	47PF 5% 500V
C520	1-164-645-11	CERAMIC	1000PF 10% 500V
C521	1-164-161-11	CERAMIC CHIP	0.0022MF 10% 50V
C522	1-126-960-11	ELECT	1MF 20% 50V
C525	1-102-244-00	CERAMIC	220PF 10% 500V
C526	1-107-662-11	ELECT	22MF 20% 250V
C527	1-162-116-00	CERAMIC	680PF 10% 2KV
C528	1-164-161-11	CERAMIC CHIP	0.0022MF 10% 50V
C529	1-128-551-11	ELECT	22MF 20% 25V
C530	1-137-366-11	FILM	0.0022MF 5% 50V
C531	1-126-965-11	ELECT	22MF 20% 50V
C532	1-126-965-11	ELECT	22MF 20% 50V
C537	1-126-942-61	ELECT	1000MF 20% 25V
C539	A 1-107-914-11	ELECT	1000MF 20% 25V
C540	1-123-024-21	ELECT	33MF 160V
C541	1-128-560-11	ELECT	22MF 20% 100V
C542	1-106-383-00	MYLAR	0.047MF 10% 200V
C543	1-162-131-11	CERAMIC	220PF 10% 2KV
C545	1-106-387-00	MYLAR	0.068MF 10% 200V
C546	1-106-343-00	MYLAR	0.001MF 10% 100V
C547	1-106-343-00	MYLAR	0.001MF 10% 100V
C551	1-163-037-11	CERAMIC CHIP	0.022MF 10% 50V
C561	1-126-967-11	ELECT	47MF 20% 50V
C563	1-126-923-11	ELECT	220MF 20% 10V
C564	1-126-960-11	ELECT	1MF 20% 50V
C565	1-126-969-11	ELECT	220MF 20% 50V
C566	1-126-964-11	ELECT	10MF 20% 50V
C568	1-136-169-00	FILM	0.22MF 5% 50V
C571	1-104-664-11	ELECT	47MF 20% 25V
C1002	1-126-964-11	ELECT	10MF 20% 50V
C1101	1-126-768-11	ELECT	2200MF 20% 16V
C1103	1-126-965-11	ELECT	22MF 20% 50V
C1104	1-126-967-11	ELECT	47MF 20% 16V
C1105	1-126-967-11	ELECT	47MF 20% 16V
C1106	1-126-964-11	ELECT	10MF 20% 50V
C1107	1-163-037-11	CERAMIC CHIP	0.022MF 10% 50V
C1108	1-126-960-11	ELECT	1MF 20% 50V
C1109	1-126-964-11	ELECT	10MF 20% 50V

REF.NO.	PART NO.	DESCRIPTION	REMARK
C1110	1-163-227-11	CERAMIC CHIP	10PF 0.5PF 50V
C1111	1-163-227-11	CERAMIC CHIP	10PF 0.5PF 50V
C1112	1-163-227-11	CERAMIC CHIP	10PF 0.5PF 50V
C1236	1-163-031-11	CERAMIC CHIP	0.01MF
(KV-35S26/37RS26 only)			
C1237	1-136-161-00	FILM	0.047 5% 50V
(KV-35S26/37RS26 only)			
C1238	1-136-161-00	FILM	0.047 5% 50V
(KV-35S26/37RS26 only)			
C1239	1-126-960-11	ELECT	1MF 20% 50V
(KV-35S26/37RS26 only)			
C1240	1-126-960-11	ELECT	1MF 20% 50V
(KV-35S26/37RS26 only)			
C1241	1-136-161-00	FILM	0.047MF 5% 50V
(KV-35S26/37RS26 only)			
C1242	1-126-960-11	ELECT	1MF 20% 50V
(KV-35S26/37RS26 only)			
C1243	1-126-960-11	ELECT	1MF 20% 50V
(KV-35S26/37RS26 only)			
C1244	1-126-959-11	ELECT	0.47MF 20% 50V
C1245	1-126-959-11	ELECT	0.47MF 20% 50V
C1261	1-126-967-11	ELECT	47MF 20% 16V
(KV-35S26/37RS26 only)			
C1262	1-126-967-11	ELECT	47MF 20% 16V
(KV-35S26/37RS26 only)			
C1263	1-126-960-11	ELECT	1MF 20% 50V
(KV-35S26/37RS26 only)			
C1264	1-126-960-11	ELECT	1MF 20% 50V
(KV-35S26/37RS26 only)			
C1265	1-136-165-00	FILM	0.1MF 5% 50V
(KV-35S26/37RS26 only)			
C1266	1-126-967-11	ELECT	47MF 20% 16V
(KV-35S26/37RS26 only)			
C1267	1-136-161-00	FILM	0.047MF 5% 50V
(KV-35S26/37RS26 only)			
C1268	1-126-960-11	ELECT	1MF 20% 50V
(KV-35S26/37RS26 only)			
C1269	1-126-960-11	ELECT	1MF 20% 50V
(KV-35S26/37RS26 only)			
C1270	1-164-232-11	CERAMIC CHIP	0.01MF 10% 50V
(KV-35S26/37RS26 only)			
C1351	1-163-251-11	CERAMIC CHIP	100PF 5% 50V
C1352	1-126-933-11	ELECT	100MF 20% 16V
C1353	1-163-037-11	CERAMIC CHIP	0.022MF 10% 50V
C1354	1-216-295-91	CONDUCTOR, CHIP	(2012)
C1401	1-126-959-11	ELECT	0.47MF 20% 50V
C1402	1-126-964-11	ELECT	10MF 20% 50V
C1403	1-126-959-11	ELECT	0.47MF 20% 50V
C1404	1-165-319-11	CERAMIC CHIP	0.1MF 50V
C1405	1-165-319-11	CERAMIC CHIP	0.1MF 50V
C1406	1-165-319-11	CERAMIC CHIP	0.1MF 50V
C1407	1-165-319-11	CERAMIC CHIP	0.1MF 50V

Note:

The components identified by shading and mark Δ are critical for safety. Replace only with part number specified.

Note:

Les composants identifiés par un trame et une marque Δ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

A

REF.NO.	PART NO.	DESCRIPTION	REMARK
C1408	1-164-161-11	CERAMIC CHIP	0.0022MF 10% 50V
C1409	1-164-161-11	CERAMIC CHIP	0.0022MF 10% 50V
C1410	1-164-161-11	CERAMIC CHIP	0.0022MF 10% 50V
C1411	1-164-161-11	CERAMIC CHIP	0.0022MF 10% 50V
C1412	1-126-961-11	ELECT	2.2MF 20% 50V
C1413	1-126-961-11	ELECT	2.2MF 20% 50V
C1414	1-164-489-11	CERAMIC CHIP	0.22MF 10% 16V
C1415	1-126-965-11	ELECT	22MF 20% 50V
C1416	1-126-933-11	ELECT	100MF 20% 16V
C1417	1-126-767-11	ELECT	1000MF 20% 16V
C1420	1-164-005-11	CERAMIC CHIP	0.47MF 25V

FILTER BLOCK

CM305 1-467-554-21 FILTER BLOCK, COMB (KV-35S26/37RS26 only)

CONNECTOR

CN270 1-573-298-11 CONNECTOR, BOARD TO BOARD 20P (KV-35S36 only)
 CN271 1-573-978-21 CONNECTOR, BOARD TO BOARD 11P (KV-35S36 only)
 CN351 * 1-564-509-11 PLUG, CONNECTOR 6P
 CN461 * 1-564-507-11 PLUG, CONNECTOR 4P
 CN501 * 1-580-798-11 CONNECTOR PIN (DY) 6P
 CN502 * 1-508-784-00 PIN, CONNECTOR (5MM PITCH) 1P
 CN503 * 1-564-507-11 PLUG, CONNECTOR 4P
 CN1001 * 1-564-512-11 PLUG, CONNECTOR 9P
 CN1101 1-573-298-11 CONNECTOR, BOARD TO BOARD 20P (KV-35S36 only)
 CN1103 1-573-979-21 CONNECTOR, BOARD TO BOARD 11P
 CN1231 1-564-511-11 PLUG, CONNECTOR 8P
 CN1641 * 1-564-515-11 PLUG, CONNECTOR 12P
 CN1941 1-564-511-11 PLUG, CONNECTOR 8P
 CN3001 1-573-298-11 CONNECTOR, BOARD TO BOARD 20P

DIODE

D001 8-719-991-33 DIODE 1SS133T-77
 D002 8-719-109-89 DIODE RD5.6ESB2
 D003 8-719-991-33 DIODE 1SS133T-77
 D004 8-719-110-17 DIODE RD10ESB2
 D011 8-719-983-14 DIODE MTZJ-T-77-3.9
 D013 8-719-991-33 DIODE 1SS133T-77
 D014 8-719-991-33 DIODE 1SS133T-77
 D015 8-719-991-33 DIODE 1SS133T-77
 D353 8-719-991-33 DIODE 1SS133T-77
 D356 8-719-991-33 DIODE 1SS133T-77
 D360 8-719-110-17 DIODE RD10ESB2
 D362 8-719-991-33 DIODE 1SS133T-77
 D368 8-719-991-33 DIODE 1SS133T-77
 D462 8-719-991-33 DIODE 1SS133T-77
 D501 8-719-109-89 DIODE RD5.6ESB2
 D502 8-719-945-80 DIODE ERC06-15S

REF.NO.	PART NO.	DESCRIPTION	REMARK
D503	8-719-945-80	DIODE ERC06-15S	
D504	8-719-900-26	DIODE ERD29-08J	
D505	8-719-908-03	DIODE GP08D	
D506	8-719-908-03	DIODE GP08D	
D507	8-719-991-33	DIODE 1SS133T-77	
D515	8-719-302-43	DIODE EL1Z	
D516	8-719-991-33	DIODE 1SS133T-77	
D518	8-719-991-33	DIODE 1SS133T-77	
D519 Δ	8-719-302-43	DIODE EL1Z	
D520	8-719-991-33	DIODE 1SS133T-77	
D521	8-719-921-63	DIODE MTZJ-7.5B	
D530	8-719-979-85	DIODE EGP20G	
D531	8-719-979-85	DIODE EGP20G	
D534	8-719-302-43	DIODE EL1Z	
D535	8-719-028-72	DIODE RGP02-17EL-6433	

D561 8-719-908-03 DIODE GP08D
 D562 8-719-991-33 DIODE 1SS133T-77
 D1102 8-719-982-24 DIODE MTZJ-33A
 D1103 8-719-109-89 DIODE RD5.6ESB2
 D1247 8-719-110-17 DIODE MTZJ-T-77-10B (KV-35S26/37RS26 only)
 D1248 8-719-981-99 DIODE MTZJ-T-77-3.3
 D1261 8-719-110-17 DIODE MTZJ-T-77-10B (KV-35S26/37RS26 only)
 D1262 8-719-110-17 DIODE MTZJ-T-77-10B (KV-35S26/37RS26 only)
 D1263 8-719-110-17 DIODE RD10ESB2
 D1264 8-719-110-17 DIODE RD10ESB2

FERRITE BEAD

FB501 1-410-396-41 FERRITE BEAD INDUCTOR 0.45UH
 FB502 1-410-397-21 FERRITE BEAD INDUCTOR 1.1UH
 FB503 1-410-397-21 FERRITE BEAD INDUCTOR 1.1UH

IC

IC001 8-752-880-88 IC CXP85840-002S
 IC002 8-759-354-28 IC ST24C02FM6TR
 IC351 8-752-076-76 IC CXA2025AS
 IC461 8-759-980-43 IC TDA2009A
 IC501 8-759-700-07 IC NJM2903M
 IC561 8-759-192-71 IC STV9379
 IC1001 8-752-058-68 IC CXA1315M
 IC1261 8-759-366-78 IC MM13313AD (KV-35S26/37RS26 only)
 IC1401 8-759-369-39 IC BH3856FS-E2
 IC1402 8-759-100-96 IC UPC4558G2

JACK

J1232 1-774-751-11 TERMINAL BLOCK, S 3P (KV-35S26/37RS26)
 J1233 1-774-749-11 JACK BLOCK, PIN 3P (KV-35S26/37RS26)
 J1234 1-774-750-11 JACK BLOCK PIN 2P (KV-35S26/37RS26)



Note: The components identified by shading and mark **Δ** are critical for safety. Replace only with part number specified.

Note: Les composants identifiés par un trame et une marque **Δ** sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

REF.NO. PART NO. DESCRIPTION REMARK

CHIP CONDUCTOR

JR001 1-216-295-91 CONDUCTOR, CHIP (2012)
JR163 1-216-295-91 CONDUCTOR, CHIP (2012)
JR1351 1-216-295-91 CONDUCTOR, CHIP (2012)
JR1352 1-216-295-91 CONDUCTOR, CHIP (2012)
JR4101 1-216-295-91 CONDUCTOR, CHIP (2012)

JR4108 1-216-295-91 CONDUCTOR, CHIP (2012)
JR4110 1-216-295-91 CONDUCTOR, CHIP (2012)
JR4114 1-216-295-91 CONDUCTOR, CHIP (2012)
JR4116 1-216-295-91 CONDUCTOR, CHIP (2012)
JR4120 1-216-295-91 CONDUCTOR, CHIP (2012)

COIL

L001 1-408-421-00 INDUCTOR 100UH
L002 1-408-421-00 INDUCTOR 100UH
L003 1-410-470-11 INDUCTOR 10UH
L004 1-410-470-11 INDUCTOR 10UH
L352 1-412-537-31 INDUCTOR 100UH

L461 1-408-425-00 INDUCTOR 220UH
L501 **Δ** 1-409-861-11 COIL, HORIZONTAL LINEARITY
L502 1-412-552-11 INDUCTOR 2.2MMH
L503 1-406-677-11 COIL, CHOKE 10MMH
L511 1-406-607-11 COIL, CHOKE 15MMH

L517 1-412-552-11 INDUCTOR 2.2MMH
L541 1-406-677-11 COIL, CHOKE 10MMH
L1101 1-408-421-00 INDUCTOR 100UH
L1102 1-410-470-11 INDUCTOR 10UH
L1401 1-410-494-11 INDUCTOR 1MMH

IC LINK

PS461 **Δ** 1-532-984-11 LINK, IC 2A/90V

TRANSISTOR

Q001 8-729-216-22 TRANSISTOR 2SA1162-G
Q002 8-729-422-27 TRANSISTOR 2SD601A-Q
Q003 8-729-422-27 TRANSISTOR 2SD601A-Q
Q004 8-729-216-22 TRANSISTOR 2SA1162-G
Q010 8-729-422-27 TRANSISTOR 2SD601A-Q

Q011 8-729-422-27 TRANSISTOR 2SD601A-Q
Q012 8-729-422-27 TRANSISTOR 2SD601A-Q
Q013 8-729-422-27 TRANSISTOR 2SD601A-Q
Q014 8-729-422-27 TRANSISTOR 2SD601A-Q
Q015 8-729-422-27 TRANSISTOR 2SD601A-Q

Q016 8-729-422-27 TRANSISTOR 2SD601A-Q
Q017 8-729-216-22 TRANSISTOR 2SA1162-G
Q301 8-729-216-22 TRANSISTOR 2SA1162-G
Q302 8-729-216-22 TRANSISTOR 2SA1162-G
Q303 8-729-216-22 TRANSISTOR 2SA1162-G

REF.NO. PART NO. DESCRIPTION REMARK

Q354 8-729-422-27 TRANSISTOR 2SD601A-Q
Q356 8-729-216-22 TRANSISTOR 2SA1162-G
Q357 8-729-422-27 TRANSISTOR 2SD601A-Q
Q358 8-729-422-27 TRANSISTOR 2SD601A-Q
Q461 8-729-422-27 TRANSISTOR 2SD601A-Q

Q462 8-729-216-22 TRANSISTOR 2SA1162-G
Q501 8-729-140-50 TRANSISTOR 2SC3209LK
Q502 **Δ** 8-729-035-75 TRANSISTOR 2SC5148(LBSONY)
Q511 **Δ** 8-729-422-27 TRANSISTOR 2SD601A-Q
Q512 **Δ** 8-729-809-29 TRANSISTOR 2SC4159-E

Q551 8-729-216-22 TRANSISTOR 2SA1162-G
Q552 8-729-422-27 TRANSISTOR 2SD601A-Q
Q561 8-729-422-27 TRANSISTOR 2SD601A-Q
Q562 8-729-422-27 TRANSISTOR 2SD601A-Q
Q563 8-729-105-08 TRANSISTOR 2SA1330-O6

Q1102 8-729-119-78 TRANSISTOR 2SC2785-HFE
Q1103 8-729-422-27 TRANSISTOR 2SD601A-Q
Q1231 8-729-422-27 TRANSISTOR 2SD601A-Q
Q1232 8-729-422-27 TRANSISTOR 2SD601A-Q
Q1261 8-729-216-22 TRANSISTOR 2SB709A-QRS-TX
(KV-35S26/37RS26 only)

Q1262 8-729-216-22 TRANSISTOR 2SB709A-QRS-TX
(KV-35S26/37RS26 only)
Q1263 8-729-422-27 TRANSISTOR 2SD601A-QRS-TX
(KV-35S26/37RS26 only)

RESISTOR

R001 1-216-045-00 METAL GLAZE 680 5% 1/10W
R002 1-247-815-91 CARBON 220 5% 1/4W
R003 1-216-097-91 METAL GLAZE 100K 5% 1/10W
R004 1-216-121-91 METAL GLAZE 1M 5% 1/10W
R005 1-247-815-91 CARBON 220 5% 1/4W

R006 1-247-815-91 CARBON 220 5% 1/4W
R007 1-216-073-00 METAL GLAZE 10K 5% 1/10W
R008 1-247-815-91 CARBON 220 5% 1/4W
R009 1-216-073-00 METAL GLAZE 10K 5% 1/10W
R010 1-216-037-00 METAL GLAZE 330 5% 1/10W

R011 1-216-065-00 METAL GLAZE 4.7K 5% 1/10W
R012 1-216-033-00 METAL GLAZE 220 5% 1/10W
R013 1-216-065-00 METAL GLAZE 4.7K 5% 1/10W
R014 1-216-065-00 METAL GLAZE 4.7K 5% 1/10W
R015 1-216-073-00 METAL GLAZE 10K 5% 1/10W

R016 1-216-073-00 METAL GLAZE 10K 5% 1/10W
R019 1-249-425-11 CARBON 4.7K 5% 1/4W
R020 1-216-065-00 METAL GLAZE 4.7K 5% 1/10W
R022 1-249-429-11 CARBON 10K 5% 1/4W
R023 1-216-089-91 METAL GLAZE 47K 5% 1/10W

R025 1-163-010-11 CERAMIC CHIP 0.0012MF 10% 50V
R026 1-163-038-91 CERAMIC CHIP 0.1MF 25V

Note:

The components identified by shading and mark Δ are critical for safety. Replace only with part number specified.

Note:

Les composants identifiés par un trame et une marque Δ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.



REF.NO.	PART NO.	DESCRIPTION	REMARK
R028	1-249-417-11	CARBON	1K 5% 1/4W
R029	1-216-025-91	METAL GLAZE	100 5% 1/10W
R030	1-249-425-11	CARBON	4.7K 5% 1/4W
R031	1-247-815-91	CARBON	220 5% 1/4W
R032	1-247-815-91	CARBON	220 5% 1/4W
R034	1-247-815-91	CARBON	220 5% 1/4W
R035	1-247-815-91	CARBON	220 5% 1/4W
R036	1-216-049-91	METAL GLAZE	1K 5% 1/10W
R037	1-216-049-91	METAL GLAZE	1K 5% 1/10W
R038	1-216-049-91	METAL GLAZE	1K 5% 1/10W
R039	1-247-807-31	CARBON	100 5% 1/4W
R040	1-247-815-91	CARBON	220 5% 1/4W
R041	1-216-065-00	METAL GLAZE	4.7K 5% 1/10W
R042	1-216-065-00	METAL GLAZE	4.7K 5% 1/10W
R043	1-216-049-91	METAL GLAZE	1K 5% 1/10W
R044	1-216-049-91	METAL GLAZE	1K 5% 1/10W
R045	1-247-815-91	CARBON	220 5% 1/4W
R046	1-247-815-91	CARBON	220 5% 1/4W
R047	1-249-417-11	CARBON	1K 5% 1/4W
R048	1-249-417-11	CARBON	1K 5% 1/4W
R049	1-249-417-11	CARBON	1K 5% 1/4W
R050	1-247-815-91	CARBON	220 5% 1/4W
R051	1-247-815-91	CARBON	220 5% 1/4W
R052	1-216-061-00	METAL GLAZE	3.3K 5% 1/10W
R053	1-216-061-00	METAL GLAZE	3.3K 5% 1/10W
R054	1-216-061-00	METAL GLAZE	3.3K 5% 1/10W
R055	1-216-097-91	METAL GLAZE	100K 5% 1/10W
R056	1-216-033-00	METAL GLAZE	220 5% 1/10W
R057	1-249-417-11	CARBON	1K 5% 1/4W
R058	1-216-033-00	METAL GLAZE	220 5% 1/10W
R064	1-247-815-91	CARBON	220 5% 1/4W
R065	1-247-815-91	CARBON	220 5% 1/4W
R066	1-247-815-91	CARBON	220 5% 1/4W
R067	1-249-413-11	CARBON	470 5% 1/4W
R068	1-247-815-91	CARBON	220 5% 1/4W
R069	1-247-815-91	CARBON	220 5% 1/4W
R070	1-247-815-91	CARBON	220 5% 1/4W
R071	1-216-057-00	METAL GLAZE	2.2K 5% 1/10W
R072	1-216-033-00	METAL GLAZE	220 5% 1/10W
R073	1-216-033-00	METAL GLAZE	220 5% 1/10W
R074	1-216-033-00	METAL GLAZE	220 5% 1/10W
R075	1-216-033-00	METAL GLAZE	220 5% 1/10W
R076	1-216-033-00	METAL GLAZE	220 5% 1/10W
R077	1-216-033-00	METAL GLAZE	220 5% 1/10W
R078	1-249-417-11	CARBON	1K 5% 1/4W
R079	1-216-033-00	METAL GLAZE	220 5% 1/10W
R080	1-216-065-00	METAL GLAZE	4.7K 5% 1/10W
R081	1-216-025-91	METAL GLAZE	100 5% 1/10W
R082	1-216-025-91	METAL GLAZE	100 5% 1/10W

REF.NO.	PART NO.	DESCRIPTION	REMARK
R083	1-249-429-11	CARBON	10K 5% 1/4W
R084	1-216-049-91	METAL GLAZE	1K 5% 1/10W
R087	1-247-815-91	CARBON	220 5% 1/4W
R090	1-216-033-00	METAL GLAZE	220 5% 1/10W
R092	1-249-429-11	CARBON	10K 5% 1/4W
R097	1-216-065-00	METAL GLAZE	4.7K 5% 1/10W
R099	1-216-065-00	METAL GLAZE	4.7K 5% 1/10W
R131	1-216-035-00	METAL GLAZE	270 5% 1/10W
R132	1-216-115-00	METAL GLAZE	560K 5% 1/10W
R133	1-216-039-00	METAL GLAZE	390 5% 1/10W
R135	1-216-073-00	METAL GLAZE	10K 5% 1/10W
R136	1-216-073-00	METAL GLAZE	10K 5% 1/10W
R137	1-216-033-00	METAL GLAZE	220 5% 1/10W
R311	1-216-295-91	CONDUCTOR CHIP (2012)	(KV-35S26/37RS26 only)
R312	1-216-049-91	METAL GLAZE	1K 5% 1/10W (KV-35S26/37RS26 only)
R313	1-216-295-91	CONDUCTOR CHIP (2012)	(KV-35S26/37RS26 only)
R314	1-216-049-91	METAL GLAZE	1K 5% 1/10W (KV-35S26/37RS26 only)
R353	1-208-786-11	METAL GLAZE	1.5K 0.50% 1/10W
R354	1-216-077-00	METAL GLAZE	15K 5% 1/10W
R355	1-216-033-00	METAL GLAZE	220 5% 1/10W
R356	1-216-033-00	METAL GLAZE	220 5% 1/10W
R358	1-247-815-91	CARBON	220 5% 1/4W
R359	1-247-815-91	CARBON	220 5% 1/4W
R360	1-247-815-91	CARBON	220 5% 1/4W
R361	1-216-025-91	METAL GLAZE	100 5% 1/10W
R362	1-216-025-91	METAL GLAZE	100 5% 1/10W
R363	1-216-025-91	METAL GLAZE	100 5% 1/10W
R364	1-216-101-00	METAL GLAZE	150K 5% 1/10W
R365	1-216-101-00	METAL GLAZE	150K 5% 1/10W
R366	1-216-089-91	METAL GLAZE	47K 5% 1/10W
R367	1-216-097-91	METAL GLAZE	100K 5% 1/10W
R368	1-249-441-11	CARBON	100K 5% 1/4W
R369	1-216-097-91	METAL GLAZE	100K 5% 1/10W
R370	1-249-417-11	CARBON	1K 5% 1/4W
R371	1-216-053-00	METAL GLAZE	1.5K 5% 1/10W
R372	1-216-113-00	METAL GLAZE	470K 5% 1/10W
R373	1-216-073-00	METAL GLAZE	10K 5% 1/10W
R374	1-216-125-00	METAL GLAZE	1.5M 5% 1/10W
R375	1-216-025-91	METAL GLAZE	100 5% 1/10W
R376	1-216-073-00	METAL GLAZE	10K 5% 1/10W
R379	1-216-033-00	METAL GLAZE	220 5% 1/10W
R380	1-247-815-91	CARBON	220 5% 1/4W
R381	1-247-815-91	CARBON	220 5% 1/4W
R382	1-216-033-00	METAL GLAZE	220 5% 1/10W
R383	1-216-049-91	METAL GLAZE	1K 5% 1/10W
R384	1-216-109-00	METAL GLAZE	330K 5% 1/10W

**Note:**

The components identified by **⊠** in this manual have been carefully factory-selected for each set in order to satisfy regulations regarding X-ray radiation. Should replacement be required, replace only with the value originally used.

Note:

The components identified by shading and mark **⊠** are critical for safety. Replace only with part number specified.

REF.NO.	PART NO.	DESCRIPTION	REMARK
R385	1-249-422-11	CARBON	2.7K 5% 1/4W
R386	1-216-049-91	METAL GLAZE	1K 5% 1/10W
R387	1-216-049-91	METAL GLAZE	1K 5% 1/10W
R388	1-216-089-91	METAL GLAZE	47K 5% 1/10W
R389	1-216-067-00	METAL GLAZE	5.6K 5% 1/10W
R390	1-216-035-00	METAL GLAZE	270 5% 1/10W
R391	1-208-810-11	METAL GLAZE	15K 0.50% 1/10W
R392	1-216-025-91	METAL GLAZE	100 5% 1/10W
R393	1-216-043-91	METAL GLAZE	560 5% 1/10W
R394	1-216-059-00	METAL GLAZE	2.7K 5% 1/10W
R395	1-216-061-00	METAL GLAZE	3.3K 5% 1/10W
R396	1-249-417-11	CARBON	1K 5% 1/4W
R397	1-249-425-11	CARBON	4.7K 5% 1/4W
R461	1-216-065-00	METAL GLAZE	4.7K 5% 1/10W
R462	1-216-089-91	METAL GLAZE	47K 5% 1/10W
R463	1-249-435-11	CARBON	33K 5% 1/4W
R464	1-216-097-91	METAL GLAZE	100K 5% 1/10W
R465	1-249-413-11	CARBON	470 5% 1/4W
R467	1-216-065-00	METAL GLAZE	4.7K 5% 1/10W
R467	1-216-069-00	METAL GLAZE	6.8K 5% 1/10W (KV-35S26/37RS26 only)
R469	1-216-065-00	METAL GLAZE	4.7K 5% 1/10W (KV-35S26/37RS26 only)
R469	1-216-057-00	METAL GLAZE	2.2K 5% 1/10W (KV-35S36 only)
R471	1-216-065-00	METAL GLAZE	4.7K 5% 1/10W (KV-35S26/37RS26 only)
R471	1-216-069-00	METAL GLAZE	6.8K 5% 1/10W (KV-35S36 only)
R472	1-216-065-00	METAL GLAZE	4.7K 5% 1/10W (KV-35S26/37RS26 only)
R472	1-216-057-00	METAL GLAZE	2.2K 5% 1/10W (KV-35S36 only)
R473	1-249-398-11	CARBON	27 5% 1/4W
R475	1-249-430-11	CARBON	12K 5% 1/4W
R476	1-249-430-11	CARBON	12K 5% 1/4W
R477	1-249-398-11	CARBON	27 5% 1/4W
R478	1-249-418-11	CARBON	1.2K 5% 1/4W F
R479	1-249-418-11	CARBON	1.2K 5% 1/4W F
R480	1-249-385-11	CARBON	2.2 5% 1/4W F
R481	1-249-385-11	CARBON	2.2 5% 1/4W F
R482	1-249-421-11	CARBON	2.2K 5% 1/4W
R483	1-249-421-11	CARBON	2.2K 5% 1/4W
R501	1-216-037-00	METAL GLAZE	330 5% 1/10W
R502	1-216-061-00	METAL GLAZE	3.3K 5% 1/10W
R503	1-249-426-11	CARBON	5.6K 5% 1/4W F
R504	1-215-917-11	METAL OXIDE	1K 5% 3W F
R505	1-249-431-11	CARBON	15K 5% 1/4W
R506	1-215-861-00	METAL OXIDE	47 5% 1W F

REF.NO.	PART NO.	DESCRIPTION	REMARK
R507	1-249-401-11	CARBON	47 5% 1/4W
R508	1-249-427-11	CARBON	6.8K 5% 1/4W
R509	1-247-750-11	CARBON	680 5% 1/2W F
R510	1-215-860-11	METAL OXIDE	33 5% 1W F
R511	1-215-886-11	METAL OXIDE	100 5% 2W F
R512	1-215-886-11	METAL OXIDE	100 5% 2W F
R515	1-216-083-00	METAL GLAZE	27K 5% 1/10W
R516	1-216-057-00	METAL GLAZE	2.2K 5% 1/10W
R517	1-249-415-11	CARBON	680 5% 1/4W
R518	1-216-073-00	METAL GLAZE	10K 5% 1/10W
R519	1-249-411-11	CARBON	330 5% 1/4W
R523	1-216-071-00	METAL GLAZE	8.2K 5% 1/10W
R524	1-249-429-11	CARBON	10K 5% 1/4W
R525	1-216-071-00	METAL GLAZE	8.2K 5% 1/10W
R528	1-216-081-00	METAL GLAZE	22K 5% 1/10W
R529	1-208-812-11	METAL GLAZE	18K 0.50% 1/10W
⊠ R530		METAL GLAZE	1/10W
⊠ R531		METAL GLAZE	1/10W
R532	1-208-760-11	METAL GLAZE	120 0.50% 1/10W
R533	1-215-878-00	METAL OXIDE	33K 5% 1W F
R535	1-216-101-00	METAL GLAZE	150K 5% 1/10W
R536	1-216-397-11	METAL OXIDE	4.7 5% 3W F
R537	1-216-470-00	METAL OXIDE	18 5% 3W F
R538	1-247-887-00	CARBON	220K 5% 1/4W
R541	1-249-377-11	CARBON	0.47 5% 1/4W F
R542	1-249-397-11	CARBON	22 5% 1/4W F
R543	1-249-377-11	CARBON	0.47 5% 1/4W F
R546	1-215-451-00	METAL	18K 1% 1/4W
R547	1-215-457-00	METAL	33K 1% 1/4W
R548	1-215-872-11	METAL OXIDE	3.3K 5% 1W F
R549	1-215-437-00	METAL	4.7K 1% 1/4W
R550	1-249-377-11	CARBON	0.47 5% 1/4W F
R551	1-215-873-00	METAL OXIDE	4.7K 5% 1W F
R552	1-216-069-00	METAL GLAZE	6.8K 5% 1/10W
R553	1-249-377-11	CARBON	0.47 5% 1/4W F
R554	1-216-057-00	METAL GLAZE	2.2K 5% 1/10W
R561	1-216-073-00	METAL GLAZE	10K 5% 1/10W
R563	1-216-351-00	METAL OXIDE	1.5 5% 1W F
R564	1-249-393-11	CARBON	10 5% 1/4W
R565	1-215-890-11	METAL OXIDE	470 5% 2W F
R566	1-216-073-00	METAL GLAZE	10K 5% 1/10W
R567	1-249-385-11	CARBON	2.2 5% 1/4W F
R568	1-216-073-00	METAL GLAZE	10K 5% 1/10W
R569	1-216-073-00	METAL GLAZE	10K 5% 1/10W
R570	1-216-097-91	METAL GLAZE	100K 5% 1/10W
R571	1-216-081-00	METAL GLAZE	22K 5% 1/10W
R572	1-216-081-00	METAL GLAZE	22K 5% 1/10W
R573	1-216-097-91	METAL GLAZE	100K 5% 1/10W
R574	1-216-365-00	METAL OXIDE	0.47 5% 2W F

Note: The components identified by shading and mark Δ are critical for safety. Replace only with part number specified.

Note: Les composants identifiés par un trame et une marque Δ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.



REF.NO.	PART NO.	DESCRIPTION	REMARK
R575	1-216-113-00	METAL GLAZE	470K 5% 1/10W
R576	1-216-073-00	METAL GLAZE	10K 5% 1/10W
R577	1-216-097-91	METAL GLAZE	100K 5% 1/10W
R578	1-208-784-11	METAL GLAZE	1.2K 0.50% 1/10W
R579	1-208-842-11	METAL GLAZE	330K 0.50% 1/10W
R580	1-249-441-11	CARBON	100K 5% 1/4W
R1001	1-247-807-31	CARBON	100 5% 1/4W
R1002	1-247-807-31	CARBON	100 5% 1/4W
R1005	1-216-073-00	METAL GLAZE	10K 5% 1/10W
R1101	1-216-049-91	METAL GLAZE	1K 5% 1/10W
R1102	1-215-900-11	METAL OXIDE	22K 5% 2W F
R1103	1-216-051-00	METAL GLAZE	1.2K 5% 1/10W
R1104	1-216-083-00	METAL GLAZE	27K 5% 1/10W
R1105	1-216-689-11	METAL GLAZE	39K 5% 1/10W
R1106	1-216-049-91	METAL GLAZE	1K 5% 1/10W
R1107	1-216-065-00	METAL GLAZE	4.7K 5% 1/10W
R1108	1-216-073-00	METAL GLAZE	10K 5% 1/10W
R1109	1-216-019-00	METAL GLAZE	56 5% 1/10W
R1110	1-216-019-00	METAL GLAZE	56 5% 1/10W
R1111	1-216-019-00	METAL GLAZE	56 5% 1/10W
R1115	1-216-045-00	METAL GLAZE	680 5% 1/10W
R1117	1-249-425-11	CARBON	4.7K 5% 1/4W
R1118	1-249-425-11	CARBON	4.7K 5% 1/4W
R1120	1-216-057-00	METAL GLAZE	2.2K 5% 1/10W
R1121	1-216-035-00	METAL GLAZE	270 5% 1/10W
R1122	1-216-115-00	METAL GLAZE	560K 5% 1/10W
R1123	1-216-039-00	METAL GLAZE	390 5% 1/10W
R1125	1-216-057-00	METAL GLAZE	2.2K 5% 1/10W
R1126	1-216-035-00	METAL GLAZE	270 5% 1/10W
R1127	1-216-115-00	METAL GLAZE	560K 5% 1/10W
R1128	1-216-039-00	METAL GLAZE	390 5% 1/10W
R1130	1-216-057-00	METAL GLAZE	2.2K 5% 1/10W
R1234	1-249-441-11	CARBON	100K 5% 1/4W
R1240	1-216-022-00	METAL GLAZE	75 5% 1/10W
R1241	1-216-022-00	METAL GLAZE	75 5% 1/10W
R1242	1-216-065-00	METAL GLAZE	4.7K 5% 1/10W
R1243	1-249-441-11	CARBON	100K 5% 1/4W
R1244	1-216-022-00	METAL GLAZE	75 5% 1/10W
R1245	1-216-113-00	METAL GLAZE	470K 5% 1/10W
R1246	1-216-065-00	METAL GLAZE	4.7K 5% 1/10W
R1247	1-216-113-00	METAL GLAZE	470K 5% 1/10W

REF.NO.	PART NO.	DESCRIPTION	REMARK
R1248	1-216-065-00	METAL GLAZE	4.7K 5% 1/10W
R1249	1-216-022-00	METAL GLAZE	75 5% 1/10W
R1250	1-216-113-00	METAL GLAZE	470K 5% 1/10W
R1251	1-216-065-00	METAL GLAZE	4.7K 5% 1/10W
R1252	1-216-113-00	METAL GLAZE	470K 5% 1/10W
R1253	1-216-065-00	METAL GLAZE	4.7K 5% 1/10W
R1254	1-216-113-00	METAL GLAZE	470K 5% 1/10W
R1255	1-216-049-91	METAL GLAZE	1K 5% 1/10W
R1255	1-216-295-91	CONDUCTOR, CHIP (2012)	(KV-35S36 only)
R1256	1-216-113-00	METAL GLAZE	470K 5% 1/10W
R1257	1-216-049-91	METAL GLAZE	1K 5% 1/10W
R1258	1-216-061-00	METAL GLAZE	3.3K 5% 1/10W
R1259	1-216-097-91	METAL GLAZE	100K 5% 1/10W
R1260	1-216-061-00	METAL GLAZE	3.3K 5% 1/10W
R1261	1-216-033-00	METAL GLAZE	220 5% 1/10W
R1262	1-216-025-91	METAL GLAZE	100 5% 1/10W
R1263	1-216-033-00	METAL GLAZE	220 5% 1/10W
R1264	1-216-025-91	METAL GLAZE	100 5% 1/10W
R1265	1-216-033-00	METAL GLAZE	220 5% 1/10W
R1266	1-216-025-91	METAL GLAZE	100 5% 1/10W
R1267	1-216-295-91	CONDUCTOR CHIP (2012)	(KV-35S26/37RS26 only)
R1268	1-216-025-91	METAL GLAZE	100 55 1/10W
R1270	1-216-025-91	METAL GLAZE	100 55 1/10W
R1273	1-216-033-00	METAL GLAZE	220 5% 1/10W
R1274	1-216-025-91	METAL GLAZE	100 55 1/10W
R1277	1-247-815-91	CARBON	220 5% 1/4W
R1278	1-247-815-91	CARBON	220 5% 1/4W
R1280	1-216-025-91	METAL GLAZE	100 55 1/10W



Note: The components identified by shading and mark Δ are critical for safety. Replace only with part number specified.

Note: Les composants identifiés par un trame et une marque Δ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

REF.NO.	PART NO.	DESCRIPTION	REMARK
R1282	1-216-025-91	METAL GLAZE	100 5% 1/10W (KV-35S26/37RS26 only)
R1283	1-247-791-91	CARBON	22 5% 1/4W (KV-35S26/37RS26 only)
R1284	1-247-807-31	CARBON	100 5% 1/4W (KV-35S26/37RS26 only)
R1286	1-216-049-91	METAL GLAZE	1K 5% 1/10W (KV-35S26/37RS26 only)
R1287	1-216-049-91	METAL GLAZE	1K 5% 1/10W (KV-35S26/37RS26 only)
R1288	1-247-807-31	CARBON	100 5% 1/4W (KV-35S26/37RS26 only)
R1290	1-216-041-00	METAL GLAZE	470 5% 1/10W (KV-35S26/37RS26 only)
R1291	1-216-045-00	METAL GLAZE	680 5% 1/10W (KV-35S26/37RS26 only)
R1292	1-216-065-00	METAL GLAZE	4.7K 5% 1/10W (KV-35S26/37RS26 only)
R1293	1-216-065-00	METAL GLAZE	4.7K 5% 1/10W (KV-35S26/37RS26 only)
R1294	1-216-049-91	METAL GLAZE	1K 5% 1/10W
R1295	1-216-049-91	METAL GLAZE	1K 5% 1/10W
R1297	1-216-025-91	METAL GLAZE	100 5% 1/10W (KV-35S26/37RS26 only)
R1351	1-247-815-91	CARBON	220 5% 1/4W
R1352	1-247-815-91	CARBON	220 5% 1/4W
R1353	1-247-815-91	CARBON	220 5% 1/4W
R1354	1-216-033-00	METAL GLAZE	220 5% 1/10W
R1355	1-216-025-91	METAL GLAZE	100 5% 1/10W
R1356	1-216-025-91	METAL GLAZE	100 5% 1/10W
R1357	1-216-025-91	METAL GLAZE	100 5% 1/10W
R1358	1-247-807-31	CARBON	100 5% 1/4W
R1359	1-216-025-91	METAL GLAZE	100 5% 1/10W
R1360	1-216-065-00	METAL GLAZE	4.7K 5% 1/10W
R1361	1-216-062-00	METAL GLAZE	3.6K 5% 1/10W
R1362	1-216-295-91	CONDUCTOR, CHIP	(2012)
R1402	1-249-429-11	CARBON	10K 5% 1/4W (KV-35S26/37RS26 only)
R1404	1-249-429-11	CARBON	10K 5% 1/4W (KV-35S26/37RS26 only)
R1407	1-216-073-00	METAL GLAZE	10K 5% 1/10W
R1408	1-249-429-11	CARBON	10K 5% 1/4W (KV-35S36 only)
R1409	1-249-429-11	CARBON	10K 5% 1/4W (KV-35S36 only)
R1411	1-216-073-00	METAL GLAZE	10K 5% 1/10W
R1412	1-216-081-00	METAL GLAZE	22K 5% 1/10W (KV-35S26/37RS26 only)
R1412	1-216-093-00	METAL GLAZE	68K 5% 1/10W (KV-35S36 only)

REF.NO.	PART NO.	DESCRIPTION	REMARK
R1413	1-216-089-91	METAL GLAZE	47K 5% 1/10W
R1414	1-216-089-91	METAL GLAZE	47K 5% 1/10W
R1415	1-216-025-91	METAL GLAZE	100 5% 1/10W
R1418	1-216-081-00	METAL GLAZE	22K 5% 1/10W (KV-35S26/37RS26 only)
R1418	1-216-093-00	METAL GLAZE	68K 5% 1/10W (KV-35S36 only)
R1419	1-216-089-91	METAL GLAZE	47K 5% 1/10W
R1420	1-216-089-91	METAL GLAZE	47K 5% 1/10W
R1421	1-216-025-91	METAL GLAZE	100 5% 1/10W
R1424	1-247-807-31	CARBON	100 5% 1/4W
R1425	1-247-807-31	CARBON	100 5% 1/4W

SWITCH

S501 1-572-707-11 SWITCH, LEVER

TRANSFORMER

T501 1-437-210-11 TRANSFORMER, HORIZONTAL DRIVE
 T502 Δ 1-429-408-11 TRANSFORMER, FERRITE (PMT)
 T503 Δ 1-439-520-11 TRANSFORMER ASSY, FLYBACK
 T504 1-413-059-00 TRANSFORMER, FERRITE (DFT)

TUNER

TU102 Δ 8-598-340-00 TUNER, FSS BTF-WA404

CRYSTAL

X001 1-578-774-11 VIBRATOR, CRYSTAL
 X353 1-567-505-11 OSCILLATOR, CRYSTAL
 X354 1-577-611-11 OSCILALTOR, CERAMIC



* A-1316-262-A G BOARD, COMPLETE

4-382-854-11 SCREW (M3X10), P, SW (+)

CAPACITOR

C601 1-130-711-00 FILM 0.22MF 20% 250V
 C603 Δ 1-113-915-11 CERAMIC 0.001MF 20% 250V
 C604 Δ 1-136-346-21 FILM 0.22MF 20% 125V
 C605 Δ 1-136-346-21 FILM 0.22MF 20% 125V
 C606 Δ 1-115-388-11 ELECT 560MF 20% 200V
 C607 Δ 1-115-388-11 ELECT 560MF 20% 200V
 C608 1-164-625-11 CERAMIC 680PF 10% 500V
 C609 1-136-173-00 FILM 0.47MF 5% 50V
 C610 1-136-173-00 FILM 0.47MF 5% 50V
 C611 1-136-169-00 FILM 0.22MF 5% 50V

Note: The components identified by shading and mark Δ are critical for safety. Replace only with part number specified.

Note: Les composants identifiés par un trame et une marque Δ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.



REF.NO.	PART.NO.	DESCRIPTION	REMARK
C612	1-136-169-00	FILM	0.22MF 5% 50V
C613	1-164-645-11	CERAMIC	1000PF 10% 500V
C614	1-164-645-11	CERAMIC	1000PF 10% 500V
C615	1-136-759-11	FILM	0.039MF 5% 630V
C617 Δ	1-113-915-11	CERAMIC	0.001MF 20% 250V
C641	1-126-943-11	ELECT	2200MF 20% 25V
C642	1-126-767-11	ELECT	1000MF 20% 16V
C643	1-107-641-11	ELECT	220MF 20% 160V
C646	1-126-933-11	ELECT	100MF 20% 16V
C647	1-128-551-11	ELECT	22MF 20% 25V
C648	1-126-933-11	ELECT	100MF 20% 16V
C651	1-137-366-11	FILM	0.0022MF 5% 50V
C652	1-106-351-00	MYLAR	0.0022MF 99% 200V
C653	1-107-636-11	ELECT	10MF 20% 160V
C654	1-164-625-11	CERAMIC	680PF 10% 500V
C655	1-164-625-11	CERAMIC	680PF 10% 500V
C656	1-164-625-11	CERAMIC	680PF 10% 500V
C657	1-164-625-11	CERAMIC	680PF 10% 500V
C661	1-126-963-11	ELECT	4.7MF 20% 50V
C690	1-164-645-11	CERAMIC	1000PF 10% 500V
C691	1-164-645-11	CERAMIC	1000PF 10% 500V

CONNECTOR

CN601 *	1-573-963-11	PIN, CONNECTOR (PC BOARD) 3P
CN602 *	1-580-844-11	PIN, CONNECTOR (POWER) 2P
CN603 *	1-573-963-11	PIN, CONNECTOR (PC BOARD) 3P
CN641 *	1-564-515-11	PLUG, CONNECTOR 12P

DIODE

D601	8-719-911-19	DIODE 1SS119-25
D602 Δ	8-719-510-53	DIODE D4SB60L
D603	8-719-911-19	DIODE 1SS119-25
D604	8-719-911-19	DIODE 1SS119-25
D605	8-719-911-19	DIODE 1SS119-25
D606	8-719-911-19	DIODE 1SS119-25
D607	8-719-911-19	DIODE 1SS119-25
D608	8-719-911-19	DIODE 1SS119-25
D609	8-719-911-19	DIODE 1SS119-25
D610	8-719-911-19	DIODE 1SS119-25
D615	8-719-028-45	DIODE D2L20U
D641	8-719-052-40	DIODE RBA-1004B
D643	8-719-028-45	DIODE D2L20U
D644	8-719-028-45	DIODE D2L20U
D645	8-719-028-45	DIODE D2L20U
D646	8-719-510-12	DIODE D10SC4M
D648	8-719-057-52	DIODE EZ0150AV1
D649	8-719-510-02	DIODE D1NS4
D650	8-719-510-02	DIODE D1NS4

REF.NO.	PART.NO.	DESCRIPTION	REMARK
FUSE			
F601 Δ	1-533-223-11	HOLDER, FUSE	
F601	1-576-193-11	FUSE 6.3A/125V	
FERRITE BEAD			
FB601	1-410-397-21	FERRITE BEAD INDUCTOR	1.1UH
FB602	1-410-397-21	FERRITE BEAD INDUCTOR	1.1UH
FB641	1-410-397-21	FERRITE BEAD INDUCTOR	1.1UH
FB642	1-410-397-21	FERRITE BEAD INDUCTOR	1.1UH
FB643	1-410-397-21	FERRITE BEAD INDUCTOR	1.1UH
FB644	1-410-397-21	FERRITE BEAD INDUCTOR	1.1UH
FB645	1-410-397-21	FERRITE BEAD INDUCTOR	1.1UH
FB646	1-410-397-21	FERRITE BEAD INDUCTOR	1.1UH
FB647	1-410-397-21	FERRITE BEAD INDUCTOR	1.1UH
FB648	1-410-397-21	FERRITE BEAD INDUCTOR	1.1UH
IC			
IC641	8-749-920-58	IC SI-3090CA	
IC642	8-759-701-56	IC NJM78M05FA	
IC643	8-749-012-13	IC DM-58	

COIL

L642	1-412-529-11	INDUCTOR	22UH
L643	1-412-525-31	INDUCTOR	10UH

TRANSISTOR

Q601 Δ	8-729-019-49	TRANSISTOR 2SC4834M
Q602 Δ	8-729-019-49	TRANSISTOR 2SC4834M
Q644	8-729-119-78	TRANSISTOR 2SC2785-HFE
Q645	8-729-119-76	TRANSISTOR 2SA1175-HFE
Q646	8-729-119-78	TRANSISTOR 2SC2785-HFE

RESISTOR

R603 Δ	1-219-512-11	RESISTOR (SURGE RESISTANT)	2.2M
R605	1-247-893-11	CARBON	390K 5% 1/4W
R606	1-247-893-11	CARBON	390K 5% 1/4W
R607 Δ	1-202-933-61	FUSIBLE	0.1 10% 1/2W F
R608 Δ	1-216-372-11	METAL OXIDE	1.8 5% 2W F
R609	1-247-791-91	CARBON	22 5% 1/4W
R610	1-247-791-91	CARBON	22 5% 1/4W
R611 Δ	1-216-372-11	METAL OXIDE	1.8 5% 2W F
R612	1-247-887-00	CARBON	220K 5% 1/4W
R613	1-247-887-00	CARBON	220K 5% 1/4W
R614	1-247-887-00	CARBON	220K 5% 1/4W
R615	1-247-887-00	CARBON	220K 5% 1/4W
R616	1-247-791-91	CARBON	22 5% 1/4W
R617	1-247-791-91	CARBON	22 5% 1/4W
R622	1-212-958-00	FUSIBLE	10 5% 1/2W F



Note: The components identified by shading and mark Δ are critical for safety. Replace only with part number specified.

Note: Les composants identifiés par un trame et une marque Δ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

REF.NO.	PART NO.	DESCRIPTION	REMARK
R623 Δ	1-205-943-11	WIREWOUND	1 5% 20W
R641	1-247-843-11	CARBON	3.3K 5% 1/4W
R642	1-247-843-11	CARBON	3.3K 5% 1/4W
R643	1-249-387-11	CARBON	3.3 5% 1/4W F
R644 Δ	1-215-882-00	METAL OXIDE	22 5% 2W F
R647	1-249-417-11	CARBON	1K 5% 1/4W
R648	1-247-887-00	CARBON	220K 5% 1/4W
R649	1-249-425-11	CARBON	4.7K 5% 1/4W F
R652	1-249-421-11	CARBON	2.2K 5% 1/4W
R661	1-249-413-11	CARBON	470 5% 1/4W F
R662	1-249-429-11	CARBON	10K 5% 1/4W
R663 Δ	1-249-377-11	CARBON	0.47 5% 1/4W F
R664 Δ	1-249-377-11	CARBON	0.47 5% 1/4W F
R665 Δ	1-249-377-11	CARBON	0.47 5% 1/4W F
R666 Δ	1-249-377-11	CARBON	0.47 5% 1/4W F
R667 Δ	1-249-377-11	CARBON	0.47 5% 1/4W F
R668 Δ	1-249-377-11	CARBON	0.47 5% 1/4W F
R670 Δ	1-249-377-11	CARBON	0.47 5% 1/4W F
R671 Δ	1-249-377-11	CARBON	0.47 5% 1/4W F
R672 Δ	1-249-377-11	CARBON	0.47 5% 1/4W F
R678	1-247-863-91	CARBON	22K 5% 1/4W
R679	1-247-863-91	CARBON	22K 5% 1/4W
R680	1-249-429-11	CARBON	10K 5% 1/4W
R681	1-249-407-11	CARBON	150 5% 1/4W

RELAY

RY601 Δ 1-755-018-11 RELAY

TRANSFORMER

T601 Δ 1-426-717-11 TRANSFORMER, LINE FILTER (LFT)
 T602 Δ 1-424-220-11 TRANSFORMER, LINE FILTER
 T603 Δ 1-427-864-11 TRANSFORMER, CONVERTER (PRT)
 T605 Δ 1-429-415-11 TRANSFORMER, CONVERTER (PIT)

THERMISTOR

THP601 Δ 1-809-539-11 THERMISTOR, POSITIVE

VARISTOR

VDR601 1-810-974-21 VARISTOR

REF.NO. PART NO. DESCRIPTION REMARK



* A-1331-522-A C BOARD, MOUNTED

4-382-854-11 SCREW (M3X10), P, SW (+)

CAPACITOR

C1765	1-102-116-00	CERAMIC	680PF	10%	50V
C1766	1-102-117-00	CERAMIC	820PF	10%	50V
C1767	1-102-116-00	CERAMIC	680PF	10%	50V
C1775	1-102-116-00	CERAMIC	680PF	10%	50V
C1776	1-102-117-00	CERAMIC	820PF	10%	50V
C1777	1-102-116-00	CERAMIC	680PF	10%	50V
C1785	1-102-116-00	CERAMIC	680PF	10%	50V
C1786	1-102-117-00	CERAMIC	820PF	10%	50V
C1787	1-102-116-00	CERAMIC	680PF	10%	50V
C1790	1-102-129-00	CERAMIC	0.01MF	10%	50V
C1791	1-126-933-11	ELECT	100MF	20%	16V
C1793	1-107-651-11	ELECT	4.7MF	20%	250V
C1795	1-102-074-00	CERAMIC	0.001MF	10%	50V
C1797	1-106-375-12	MYLAR	0.022MF	99%	200V
C1798	1-106-375-12	MYLAR	0.022MF	99%	200V
C1799	1-162-114-00	CERAMIC	0.0047MF		2KV

CONNECTOR

CN1761* 1-564-509-11 PLUG, CONNECTOR 6P
 CN1762* 1-508-784-00 PIN, CONNECTOR (5MM PITCH) 1P
 CN1764* 1-564-507-11 PLUG, CONNECTOR 4P
 CN1766 1-695-915-11 TAB (CONTACT) 1P

DIODE

D1761 8-719-991-33 DIODE 1SS133T-77
 D1762 8-719-991-33 DIODE 1SS133T-77
 D1763 8-719-991-33 DIODE 1SS133T-77
 D1771 8-719-991-33 DIODE 1SS133T-77
 D1772 8-719-991-33 DIODE 1SS133T-77

D1773 8-719-991-33 DIODE 1SS133T-77
 D1781 8-719-991-33 DIODE 1SS133T-77
 D1782 8-719-991-33 DIODE 1SS133T-77
 D1783 8-719-991-33 DIODE 1SS133T-77
 D1790 8-719-991-33 DIODE 1SS133T-77

D1792 8-719-983-14 DIODE MTZJ-T-77-3.9

JACK

J1761 Δ 1-251-328-11 SOCKET, CRT

Note:

The components identified by shading and mark Δ are critical for safety. Replace only with part number specified.

Note:

Les composants identifiés par un trame et une marque Δ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.



REF.NO. PART NO. DESCRIPTION REMARK

COIL

L1790 1-410-667-31 INDUCTOR 22UH

TRANSISTOR

Q1761 8-729-119-78 TRANSISTOR 2SC2785-HFE
Q1762 8-729-326-11 TRANSISTOR 2SC2611
Q1763 8-729-200-17 TRANSISTOR 2SA1091-O
Q1771 8-729-119-78 TRANSISTOR 2SC2785-HFE
Q1772 8-729-326-11 TRANSISTOR 2SC2611

Q1773 8-729-200-17 TRANSISTOR 2SA1091-O
Q1781 8-729-119-78 TRANSISTOR 2SC2785-HFE
Q1782 8-729-326-11 TRANSISTOR 2SC2611
Q1783 8-729-200-17 TRANSISTOR 2SA1091-O
Q1790 8-729-119-76 TRANSISTOR 2SA1175-HFE

RESISTOR

R1760 1-260-105-11 CARBON 3.3K 5% 1/2W
R1761 1-247-807-31 CARBON 100 5% 1/4W
R1763 1-249-409-11 CARBON 220 5% 1/4W F
R1764 Δ 1-216-486-00 METAL OXIDE 8.2K 5% 3W F
R1765 1-249-411-11 CARBON 330 5% 1/4W

R1766 1-249-393-11 CARBON 10 5% 1/4W
R1767 1-249-429-11 CARBON 10K 5% 1/4W
R1768 1-249-411-11 CARBON 330 5% 1/4W
R1770 1-260-105-11 CARBON 3.3K 5% 1/2W
R1771 1-247-807-31 CARBON 100 5% 1/4W
R1773 1-249-409-11 CARBON 220 5% 1/4W F
R1774 Δ 1-216-486-00 METAL OXIDE 8.2K 5% 3W F

R1775 1-249-407-11 CARBON 150 5% 1/4W
R1776 1-249-393-11 CARBON 10 5% 1/4W
R1777 1-249-429-11 CARBON 10K 5% 1/4W
R1780 1-260-105-11 CARBON 3.3K 5% 1/2W
R1781 1-247-807-31 CARBON 100 5% 1/4W

R1783 1-249-409-11 CARBON 220 5% 1/4W F
R1784 Δ 1-216-486-00 METAL OXIDE 8.2K 5% 3W F
R1785 1-249-407-11 CARBON 150 5% 1/4W
R1786 1-249-393-11 CARBON 10 5% 1/4W
R1787 1-249-429-11 CARBON 10K 5% 1/4W

R1789 1-249-437-11 CARBON 47K 5% 1/4W
R1792 1-247-815-91 CARBON 220 5% 1/4W
R1793 1-247-863-91 CARBON 22K 5% 1/4W
R1794 1-249-417-11 CARBON 1K 5% 1/4W
R1795 1-260-087-11 CARBON 100 5% 1/2W

R1796 Δ 1-216-365-00 METAL OXIDE 0.47 5% 2W F
R1797 1-260-123-11 CARBON 100K 5% 1/2W
R1798 1-260-133-11 CARBON 680K 5% 1/2W
R1799 1-260-123-11 CARBON 100K 5% 1/2W

REF.NO. PART NO. DESCRIPTION REMARK

VARIABLE RESISTOR

RV1791 1-230-641-11 RES, ADJ, METAL GLAZE 2.2M



* A-1372-211-A WA BOARD, MOUNTED

4-382-854-11 SCREW (M3X10), P, SW (+)

CAPACITOR

C941 1-126-935-11 ELECT 470MF 20% 16V
C944 1-164-232-11 CERAMIC CHIP 0.01MF 10% 50V
C945 1-163-001-11 CERAMIC CHIP 220PF 10% 50V
C946 1-126-933-11 ELECT 100MF 20% 16V
C949 1-161-830-00 CERAMIC 0.0047MF 500V

C950 1-126-933-11 ELECT 100MF 20% 16V
C951 1-107-638-11 ELECT 33MF 20% 160V
C952 1-104-999-11 MYLAR 0.1MF 10% 200V
C953 1-106-383-00 MYLAR 0.047MF 10% 200V
C954 1-137-364-11 FILM 0.001MF 5% 50V

C955 1-107-667-11 ELECT 2.2MF 20% 160V
C956 1-137-364-11 FILM 0.001MF 5% 50V
C957 1-106-383-00 MYLAR 0.047MF 10% 200V
C958 1-126-933-11 ELECT 100MF 20% 16V
C961 1-163-251-11 CERAMIC CHIP 100PF 5% 50V

C962 1-164-232-11 CERAMIC CHIP 0.01MF 10% 50V
C965 1-163-035-00 CERAMIC CHIP 0.047MF 50V
C966 1-163-009-11 CERAMIC CHIP 0.001MF 10% 50V
C967 1-129-718-00 FILM 0.022MF 5% 630V
C968 1-137-579-11 FILM 0.068MF 5% 100V

C969 1-163-035-00 CERAMIC CHIP 0.047MF 50V
C981 1-126-941-11 ELECT 470MF 20% 25V
C983 1-137-366-11 FILM 0.0022MF 5% 50V

CONNECTOR

CN941 1-564-511-11 PLUG, CONNECTOR 8P
CN961 * 1-770-723-11 CONNECTOR, BOARD TO BOARD 8P
CN981 * 1-564-506-11 PLUG, CONNECTOR 3P

DIODE

D941 8-719-991-33 DIODE 1SS133T-77
D946 8-719-110-88 DIODE RD39ESB2
D947 8-719-110-88 DIODE RD39ESB2
D961 8-719-109-89 DIODE RD5.6ESB2
D962 8-719-991-33 DIODE 1SS133T-77



Note: The components identified by shading and mark Δ are critical for safety. Replace only with part number specified.

Note: Les composants identifiés par un trame et une marque Δ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

REF.NO.	PART NO.	DESCRIPTION	REMARK
<u>IC</u>			
IC961	8-759-700-07	IC NJM2903M	
IC981	8-759-603-37	IC M5216P	
<u>COIL</u>			
L942	1-215-863-11	METAL OXIDE 100	5% 1W F
L962	1-406-989-21	COIL, CHOKE 10MMH	
L963	1-406-675-11	COIL, CHOKE 4.7MMH	
<u>TRANSISTOR</u>			
Q943	8-729-422-27	TRANSISTOR 2SD601A-Q	
Q944	8-729-422-27	TRANSISTOR 2SD601A-Q	
Q945	8-729-422-27	TRANSISTOR 2SD601A-Q	
Q946	8-729-017-05	TRANSISTOR 2SA1837	
Q947	8-729-017-06	TRANSISTOR 2SC4793	
Q962	8-729-931-45	TRANSISTOR IRF614	
Q963	8-729-216-22	TRANSISTOR 2SA1162-G	
Q965	8-729-422-27	TRANSISTOR 2SD601A-Q	
Q966	8-729-216-22	TRANSISTOR 2SA1162-G	
Q981	8-729-422-27	TRANSISTOR 2SD601A-Q	
<u>RESISTOR</u>			
R943	1-216-025-91	METAL GLAZE 100	5% 1/10W
R948	1-216-049-91	METAL GLAZE 1K	5% 1/10W
R949	1-216-049-91	METAL GLAZE 1K	5% 1/10W
R950	1-216-049-91	METAL GLAZE 1K	5% 1/10W
R951	1-216-049-91	METAL GLAZE 1K	5% 1/10W
R952	1-216-037-00	METAL GLAZE 330	5% 1/10W
R953	1-216-021-00	METAL GLAZE 68	5% 1/10W
R954	1-216-033-00	METAL GLAZE 220	5% 1/10W
R955	1-216-047-91	METAL GLAZE 820	5% 1/10W
R956	1-216-295-91	CONDUCTOR, CHIP (2012)	
R957	1-216-073-00	METAL GLAZE 10K	5% 1/10W
R958	1-216-295-91	CONDUCTOR, CHIP (2012)	
R959	1-216-021-00	METAL GLAZE 68	5% 1/10W
R960	1-216-689-11	METAL GLAZE 39K	5% 1/10W
R961	1-216-073-00	METAL GLAZE 10K	5% 1/10W
R962	1-216-057-00	METAL GLAZE 2.2K	5% 1/10W
R963	1-216-097-91	METAL GLAZE 100K	5% 1/10W
R964	1-216-073-00	METAL GLAZE 10K	5% 1/10W
R965	1-216-073-00	METAL GLAZE 10K	5% 1/10W
R966	1-216-097-91	METAL GLAZE 100K	5% 1/10W
R967	1-216-065-00	METAL GLAZE 4.7K	5% 1/10W
R968	1-216-083-00	METAL GLAZE 27K	5% 1/10W
R969	1-216-295-91	CONDUCTOR, CHIP (2012)	
R970	1-216-033-00	METAL GLAZE 220	5% 1/10W
R971	1-247-899-11	CARBON 680K	5% 1/4W
R972	1-216-073-00	METAL GLAZE 10K	5% 1/10W
R973	1-216-121-91	METAL GLAZE 1M	5% 1/10W

REF.NO.	PART NO.	DESCRIPTION	REMARK
R974	1-216-073-00	METAL GLAZE 10K	5% 1/10W
R975 Δ	1-216-446-00	METAL OXIDE 18	5% 2W F
R976 Δ	1-216-423-11	METAL OXIDE 27	5% 1W F
R979	1-216-017-91	METAL GLAZE 47	5% 1/10W
R981	1-216-081-00	METAL GLAZE 22K	5% 1/10W
R982	1-216-081-00	METAL GLAZE 22K	5% 1/10W
R983	1-216-081-00	METAL GLAZE 22K	5% 1/10W
R984	1-216-081-00	METAL GLAZE 22K	5% 1/10W
R987	1-216-049-91	METAL GLAZE 1K	5% 1/10W
R988	1-216-295-91	CONDUCTOR, CHIP (2012)	
R989	1-216-304-11	METAL GLAZE 3.3	5% 1/10W
R992	1-216-073-00	METAL GLAZE 10K	5% 1/10W
R1941	1-260-311-11	CARBON 39	5% 1/2W
R1942	1-249-384-11	CARBON 1.8	5% 1/4W F
R1943	1-249-414-11	CARBON 560	5% 1/4W F
R1944	1-249-432-11	CARBON 18K	5% 1/4W
R1945	1-216-476-11	METAL OXIDE 180	5% 3W F
R1946	1-249-417-11	CARBON 1K	5% 1/4W F
R1947	1-249-432-11	CARBON 18K	5% 1/4W
R1948	1-249-414-11	CARBON 560	5% 1/4W
R1949	1-249-384-11	CARBON 1.8	5% 1/4W F
R1950	1-249-400-11	CARBON 39	5% 1/4W F

HV

* A-1372-319-A HV BOARD, MOUNTED

CAPACITOR

C2068 1-104-665-11 ELECT 100MF 20% 25V

DIODE

D2006 1-810-039-11 LED UNIT

IC

IC2003 8-742-014-10 HIC SBX1981-51

RESISTOR

R2009 1-216-033-00 METAL GLAZE 220 5% 1/10W
 R2010 1-216-033-00 METAL GLAZE 220 5% 1/10W
 R2059 1-216-047-91 METAL GLAZE 820 5% 1/10W
 R2060 1-216-049-91 METAL GLAZE 1K 5% 1/10W
 R2061 1-216-055-00 METAL GLAZE 1.8K 5% 1/10W
 R2062 1-216-065-00 METAL GLAZE 4.7K 5% 1/10W
 R2063 1-216-073-00 METAL GLAZE 10K 5% 1/10W

SWITCH

S2001 1-692-431-21 SWITCH, TACTILE
 S2002 1-692-431-21 SWITCH, TACTILE
 S2003 1-692-431-21 SWITCH, TACTILE
 S2004 1-692-431-21 SWITCH, TACTILE

Note:

The components identified by shading and mark Δ are critical for safety. Replace only with part number specified.

Note:

Les composants identifiés par un trame et une marque Δ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

HV	HS	SC	UV
-----------	-----------	-----------	-----------

REF.NO.	PART.NO.	DESCRIPTION	REMARK
---------	----------	-------------	--------

S2005	1-692-431-21	SWITCH, TACTILE	
S2006	1-692-431-21	SWITCH, TACTILE	
S2007	1-692-431-21	SWITCH, TACTILE	

HS

* A-1372-326-A HS BOARD, MOUNTED

CAPACITOR

C2168	1-104-665-11	ELECT	100MF	20%	25V
C2169	1-126-959-11	ELECT	0.47MF	20%	50V

CONNECTOR

CN2101	1-564-524-11	PLUG, CONNECTOR 9P
CN2102	1-564-523-11	PLUG, CONNECTOR 8P

SC

* A-1390-585-A MOUNTED PCB, SC (KV-35S36 only)

CN104	1-573-978-21	CONNECTOR, BOARD TO BOARD 11P
CN105	1-573-978-21	CONNECTOR, BOARD TO BOARD 11P

UV

* A-1394-862-A UV BOARD, COMPLETE (KV-35S36 only)

CAPACITOR

C231	1-163-031-11	CERAMIC CHIP	0.01MF		50V
C232	1-136-161-00	FILM	0.047MF	5%	50V
C233	1-136-161-00	FILM	0.047MF	5%	50V
C234	1-126-960-11	ELECT	1MF	20%	50V
C235	1-126-960-11	ELECT	1MF	20%	50V

C236	1-136-161-00	FILM	0.047MF	5%	50V
C237	1-126-960-11	ELECT	1MF	20%	50V
C238	1-126-960-11	ELECT	1MF	20%	50V
C261	1-136-161-00	FILM	0.047MF	5%	50V
C262	1-104-664-11	ELECT	47MF	20%	25V

C263	1-136-161-00	FILM	0.047MF	5%	50V
C264	1-126-941-11	ELECT	470MF	20%	25V
C265	1-104-664-11	ELECT	47MF	20%	25V
C266	1-126-960-11	ELECT	1MF	20%	50V
C267	1-126-960-11	ELECT	1MF	20%	50V
C270	1-126-960-11	ELECT	1MF	20%	50V
C271	1-126-960-11	ELECT	1MF	20%	50V

C273	1-136-165-00	FILM	0.1MF	5%	50V
C274	1-163-031-11	CERAMIC CHIP	0.01MF		50V
C301	1-126-935-11	ELECT	470MF	20%	16V
C302	1-126-935-11	ELECT	470MF	20%	16V

REF.NO.	PART.NO.	DESCRIPTION	REMARK
---------	----------	-------------	--------

FILTER BLOCK

CM302	1-467-656-11	FILTER BLOCK, COMB
-------	--------------	--------------------

CONNECTOR

CN261	1-573-979-21	CONNECTOR, BOARD TO BOARD 11P
CN262	1-573-301-21	CONNECTOR, BOARD TO BOARD 20P
CN263 *	1-564-506-11	PLUG, CONNECTOR 3P
CN264	1-573-979-21	CONNECTOR, BOARD TO BOARD 11P

DIODE

D231	8-719-110-17	DIODE RD10ESB2
D232	8-719-110-17	DIODE RD10ESB2
D233	8-719-110-17	DIODE RD10ESB2
D234	8-719-110-17	DIODE RD10ESB2
D235	8-719-110-17	DIODE RD10ESB2

D236	8-719-110-17	DIODE RD10ESB2
D240	8-719-110-17	DIODE RD10ESB2
D241	8-719-110-17	DIODE RD10ESB2
D242	8-719-110-17	DIODE RD10ESB2
D243	8-719-110-17	DIODE RD10ESB2

D244	8-719-110-17	DIODE RD10ESB2
D264	8-719-110-17	DIODE RD10ESB2
D265	8-719-110-17	DIODE RD10ESB2

IC

IC261	8-759-366-78	IC MM1313AD
-------	--------------	-------------

JACK

J231	1-750-515-11	TERMINAL BLOCK, S 3P
J232	1-774-746-11	JACK BLOCK, PIN
J233	1-774-747-11	JACK BLOCK, PIN

CHIP CONDUCTOR

JR151	1-216-295-91	CONDUCTOR, CHIP (2012)
JR152	1-216-295-91	CONDUCTOR, CHIP (2012)
JR201	1-216-295-91	CONDUCTOR, CHIP (2012)
JR202	1-216-295-91	CONDUCTOR, CHIP (2012)
JR204	1-216-295-91	CONDUCTOR, CHIP (2012)

JR205	1-216-295-91	CONDUCTOR, CHIP (2012)
JR206	1-216-295-91	CONDUCTOR, CHIP (2012)
JR208	1-216-295-91	CONDUCTOR, CHIP (2012)
JR209	1-216-295-91	CONDUCTOR, CHIP (2012)
JR210	1-216-295-91	CONDUCTOR, CHIP (2012)

JR211	1-216-295-91	CONDUCTOR, CHIP (2012)
JR212	1-216-295-91	CONDUCTOR, CHIP (2012)
JR213	1-216-295-91	CONDUCTOR, CHIP (2012)
JR214	1-216-295-91	CONDUCTOR, CHIP (2012)
JR215	1-216-295-91	CONDUCTOR, CHIP (2012)



Note: The components identified by shading and mark Δ are critical for safety. Replace only with part number specified.

Note: Les composants identifiés par un trame et une marque Δ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

REF.NO.	PART NO.	DESCRIPTION	REMARK
JR216	1-216-295-91	CONDUCTOR, CHIP (2012)	
JR217	1-216-295-91	CONDUCTOR, CHIP (2012)	
JR218	1-216-295-91	CONDUCTOR, CHIP (2012)	
JR219	1-216-295-91	CONDUCTOR, CHIP (2012)	
JR220	1-216-295-91	CONDUCTOR, CHIP (2012)	
JR221	1-216-295-91	CONDUCTOR, CHIP (2012)	
JR222	1-216-295-91	CONDUCTOR, CHIP (2012)	
JR223	1-216-295-91	CONDUCTOR, CHIP (2012)	
JR226	1-216-295-91	CONDUCTOR, CHIP (2012)	
JR228	1-216-295-91	CONDUCTOR, CHIP (2012)	
JR261	1-216-057-00	METAL GLAZE 2.2K 5%	1/10W
JR262	1-216-057-00	METAL GLAZE 2.2K 5%	1/10W
TRANSISTOR			
Q243	8-729-216-22	TRANSISTOR 2SA1162-G	
Q261	8-729-422-27	TRANSISTOR 2SD601A-Q	
Q262	8-729-422-27	TRANSISTOR 2SD601A-Q	
Q263	8-729-216-22	TRANSISTOR 2SA1162-G	
Q265	8-729-216-22	TRANSISTOR 2SA1162-G	
RESISTOR			
R212	1-249-440-11	CARBON 82K	5% 1/4W
R225	1-247-815-91	CARBON 220	5% 1/4W
R226	1-247-815-91	CARBON 220	5% 1/4W
R227	1-249-440-11	CARBON 82K	5% 1/4W
R228	1-216-033-00	METAL GLAZE 220	5% 1/10W
R229	1-216-025-91	METAL GLAZE 100	5% 1/10W
R230	1-216-033-00	METAL GLAZE 220	5% 1/10W
R231	1-216-022-00	METAL GLAZE 75	5% 1/10W
R232	1-216-022-00	METAL GLAZE 75	5% 1/10W
R233	1-216-065-00	METAL GLAZE 4.7K	5% 1/10W
R234	1-216-022-00	METAL GLAZE 75	5% 1/10W
R235	1-216-113-00	METAL GLAZE 470K	5% 1/10W
R236	1-216-065-00	METAL GLAZE 4.7K	5% 1/10W
R237	1-216-113-00	METAL GLAZE 470K	5% 1/10W
R238	1-216-065-00	METAL GLAZE 4.7K	5% 1/10W
R239	1-216-022-00	METAL GLAZE 75	5% 1/10W
R240	1-216-113-00	METAL GLAZE 470K	5% 1/10W
R241	1-216-065-00	METAL GLAZE 4.7K	5% 1/10W
R242	1-216-113-00	METAL GLAZE 470K	5% 1/10W
R243	1-216-065-00	METAL GLAZE 4.7K	5% 1/10W
R244	1-216-113-00	METAL GLAZE 470K	5% 1/10W
R245	1-249-417-11	CARBON 1K	5% 1/4W
R246	1-216-113-00	METAL GLAZE 470K	5% 1/10W
R247	1-249-417-11	CARBON 1K	5% 1/4W
R260	1-247-807-31	CARBON 100	5% 1/4W
R261	1-216-009-00	METAL GLAZE 22	5% 1/10W
R264	1-247-815-91	CARBON 220	5% 1/4W
R265	1-247-815-91	CARBON 220	5% 1/4W
R266	1-216-043-91	METAL GLAZE 560	5% 1/10W
R267	1-249-415-11	CARBON 680	5% 1/4W

REF.NO.	PART NO.	DESCRIPTION	REMARK
R268	1-216-025-91	METAL GLAZE 100	5% 1/10W
R269	1-216-025-91	METAL GLAZE 100	5% 1/10W
R270	1-216-041-00	METAL GLAZE 470	5% 1/10W
R271	1-249-415-11	CARBON 680	5% 1/4W
R272	1-249-417-11	CARBON 1K	5% 1/4W
R275	1-249-425-11	CARBON 4.7K	5% 1/4W
R276	1-249-425-11	CARBON 4.7K	5% 1/4W
R277	1-216-049-91	METAL GLAZE 1K	5% 1/10W
R279	1-216-025-91	METAL GLAZE 100	5% 1/10W
R280	1-216-033-00	METAL GLAZE 220	5% 1/10W
R281	1-216-033-00	METAL GLAZE 220	5% 1/10W
R282	1-216-025-91	METAL GLAZE 100	5% 1/10W
R283	1-216-025-91	METAL GLAZE 100	5% 1/10W
R284	1-216-065-00	METAL GLAZE 4.7K	5% 1/10W
R285	1-216-065-00	METAL GLAZE 4.7K	5% 1/10W
R286	1-216-049-91	METAL GLAZE 1K	5% 1/10W
R288	1-247-815-91	CARBON 220	5% 1/4W
R289	1-247-815-91	CARBON 220	5% 1/4W
R290	1-247-815-91	CARBON 220	5% 1/4W
R291	1-216-025-91	METAL GLAZE 100	5% 1/10W
R293	1-216-025-91	METAL GLAZE 100	5% 1/10W
R294	1-216-049-91	METAL GLAZE 1K	5% 1/10W
R301	1-249-417-11	CARBON 1K	5% 1/4W
R304	1-249-417-11	CARBON 1K	5% 1/4W
R1153	1-216-057-00	METAL GLAZE 2.2K	5% 1/10W
R1155	1-216-057-00	METAL GLAZE 2.2K	5% 1/10W

MISCELLANEOUS

1-411-881-11	COIL, DEMAGNETIC
1-411-882-11	COIL, DEMAGNETIC
1-504-531-11	SPEAKER (13.1 X 6.2CM)
* 1-556-945-21	CABLE, P-P (KV-35S36 only)
* 1-557-056-31	CABLE, P-P (KV-35S36 only)
Δ 1-751-059-11	CORD POWER (WITH CONNECTOR)
1-766-374-11	PLUG, F-PIN (KV-35S26/37RS36 only)
* 4-052-905-01	V5/6 BRACKET (KV-35S36 only)
Δ 8-453-007-11	NA324-M
8-598-414-00	ANTENNA SWITCH AS-2F (KV-35S36 only)
Δ 8-733-760-71	ITC 37GX-A1

ACCESSORIES AND PACKING MATERIALS

3-859-518-21	MANUAL, INSTRUCTION
* 4-053-658-01	BAG, PROTECTION
* 4-056-782-01	INDIVIDUAL CARTON
* 4-056-783-01	CUSHION (UPPER) (ASSY)
* 4-056-784-01	CUSHION (LOWER) (ASSY)

REMOTE COMMANDER

1-473-749-31	REMOTE COMMANDER (RM-Y136A)
4-978-977-01	BATTERY COVER (for RM-Y136A)

